SEARCH REQUEST FORM

Requestor's
Name: _William Hughet_   Serial
Number: _96/13171_
_60/002,335_

Date: _7/17/96_   Phone: _305.7220_   Art Unit: _2411_

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search for a document management system whereby documents are scanned and then storage for later retrieval, viewing and printing. Present application limits itself to international trade documents such as letters of credit, Bill of lading, labor consulting etc. (But I see no reason to limit search to trade documents).

STAFF USE ONLY

Date completed: _9/10/96_

Searcher: _CMT_

Terminal time: _9.3_

Elapsed time: _20_

CPU time: _____

Total time: _12.3_

Number of Searches: _1_

Number of Databases: _9_

Search Site

_____ STIC

_____ CM-1

___✓__ Pre-S

Type of Search

_____ N.A. Sequence

_____ A.A. Sequence

_____ Structure

___✓__ Bibliographic

Vendors

_____ IG Suite

_____ STN

___✓__ Dialog

_____ APS

_____ Geninfo

_____ SDC

_____ DARC/Questel

_____ Other

File 347:JAPIO OCT 1976-1996/Apr.
          (c) JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-1996/SEP W2
          (c) 1996 European Patent Office
File 350:Derwent World Pat. 1963-1980/UD=9636
          (c) 1996 Derwent Info Ltd
File 351:DERWENT WPI 1981-1996/UD=9636;UA=9632;UM=9625
          (c)1996 Derwent Info Ltd
?ds

Set   Items   Description
S1   777590   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2   3347   S1(2N)(MANAG? OR HANDL?)
S3   238389   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                   DIGITI?
S4   431947   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                   IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5   1153733   STOR? OR MEMOR?
S6   49039   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7   935311   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                   DU?
S8   1799535   PRINT? OR OUTPUT? OR OUT()PUT?
S9   8   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8

t9/9/all

 9/9/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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05014331
IMAGE INFORMATION PROCESSOR

PUB. NO.:   07-306931 [JP 7306931 A]
PUBLISHED: November 21, 1995 (19951121)
INVENTOR(s):   SATO MINORU
APPLICANT(s):   TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   06-100953 [JP 94100953]
FILED: May 16, 1994 (19940516)
INTL CLASS: [6] G06T-001/00; G09G-005/00; G09G-005/00; G11B-027/00;
                H04N-001/387
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 42.5 (ELECTRONICS --
                Equipment); 44.7 (COMMUNICATION -- Facsimile); 44.9
                (COMMUNICATION -- Other)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
                Microprocessers)

                              ABSTRACT
PURPOSE: To provide an image information processor which can deal with the
long-size images or the images of irregular shapes larger than a regular
size, etc.

CONSTITUTION: A CPU 34 evolves the long-size images or the images of
irregular shapes which are read by a scanner device 18 into a page
memory 40. The long-size image evolved into the memory 40 is
divided into the areas for each sheet of a regular size, e.g., into A4
sizes. Then these divided images are registered on an optical disk 19
by an optical disk device 20 for each sheet of an A4 size. At the same
time, the divided/registered retrieving data are registered on a title

management table 26a, a page management table 26b and an image management table 26c of a magnetic disk 26. Furthermore the CPU 34 reads the long-size image or the image of an irregular shape out of the disk 26 by means of the retrieving data to divide and show the image on a CRT display device 24. Then the CPU 34 also prints the undivided long-size image or the undivided image of an irregular shape by a printer device 25.

9/9/2   (Item 2 from file: 347)

04274131
DOCUMENT   MANAGING   DEVICE FOR FILING SYSTEM DEVICE

PUB. NO.:   05-265831 [JP 5265831 A]
PUBLISHED: . October 15, 1993 (19931015)
INVENTOR(s):   TAKAHARA KOUJI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   04-093600 [JP 9293600]
FILED: March 19, 1992 (19920319)
INTL CLASS: [5] G06F-012/00; G06F-001/00; G06F-012/14
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory   Units); 45.9
               (INFORMATION PROCESSING -- Other
JAPIO KEYWORD: R011 (LIQUID CRYSTALS)
JOURNAL: Section: P, Section No. 1679, Vol. 18, No. 39, Pg. 115,
               January 20, 1994 (19940120)

ABSTRACT
PURPOSE: To improve reliability for keeping privacy by providing tables for the names of individuals (personal names) and passwords as the managing information of documents .

CONSTITUTION: This device is provided with an image scanner 1, a register part 2, an input control part 5, a keyboard 3, a pointing device 4, a retrieval part 6, a magneto-optical disk 7, an output control part 8, a display device 9 composed of a CRT or an LCD, a printer 10, a document information storage part 11 provided at a hard disk or the like, an image data storage part 12 similarly provided at the hard disk or the like, data for retrieval storage part 13 similarly provided at the hard disk or the like, output buffer 14, and a system bus 15. Inside the register part 2, a rank table or a password table is provided so that the required password can be added only by inputting the personal name as the managing information of documents in addition to a normal document table.

9/9/3   (Item 3 from file: 347)

03954643
ELECTRONIC FILING DEVICE HAVING MANAGEMENT FUNCTION FOR DOCUMENT TO BE ARRANGED

PUB. NO.:   04-319743 [JP 4319743 A]
PUBLISHED: November 10, 1992 (19921110)
INVENTOR(s):   KONO OSAMI

ABSTRACT

PURPOSE: To simply and rapidly remove an unnecessary document and to effec
tively utilize a storage area in a magneto-optical disk by
retrieving a document whose time limit has elapsed and managing a
document to be arranged.

CONSTITUTION: This electronic filing device consists of a scanner 1, a
display device 3 consisting of a CRT or the like, a printer 5,
an optical disk deck device 7, a control part 10, etc., the control
part 10 has a function for executing prescribed processing and the device 7
is provided with a rewritable optical disk . A document to be arranged
is selected based upon the check of a storage time limit and the check
of reference frequency and previously determined processing such as
canceling, temporary saving to another disk area and saving which
cannot be directly retrieved is executed to reuse an idle area. Since
the filling of the magneto-optical disk or the retrieving frequency
of plural disks is sharply reduced, the retrieving performance of
documents can be sharply increased, the documents can easily be managed,
the safeness of secret documents can be improved, and the cost of the
device can also be reduced.

 9/9/4   (Item 4 from file: 347)

03840556
FILING DEVICE

ABSTRACT
PURPOSE: To allow rapid searching with the visual operation alone by

handling   document   indices as a box, hierarchically storing   many
documents,   and   displaying   the documents as   display   indices
successively from the upper positions in accordance with this hierarchy at
the time of   retrieval   .

CONSTITUTION: This device has an input device 1 of a touch panel system
consisting of an LCD, a MODEM 2, a facsimile device 3, a   scanner   4, an
audio input device 5, a microphone 6, a decoder 7, a controller 8, a clock
generator 9, an image compressing and expanding section 10, a main
memory   11, an optical disk   memory   12, an encoder 13, a
printer   14, an audio   output   section 15. The box (index box)
visualized on the   screen   of the   display   device, i.e., key
display   area, is used as the index to   retrieve   the filed documents
and the registered image data is selected by instructing this box. The
visual classification is executed in this way and the   retrieval   is
facilitated.

9/9/5   (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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02278877
PAGE-UNIT   EDITING   SYSTEM   FOR   PICTURE   INFORMATION   STORING   AND
RETRIEVING   DEVICE

PUB. NO.:   62-195777   [JP 62195777   A]
PUBLISHED: August 28, 1987 (19870828)
INVENTOR(s):   KITAJIMA IKUO
                OZAKI MINORU
                YAMAMOTO MITSURU
                YAMAZAKI GIICHI
                KATAOKA KENJI
                OGAWA ICHIRO
APPLICANT(s):   MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese
                Company or Corporation), JP (Japan)
APPL. NO.:   61-037948   [JP 8637948]
FILED: February 21, 1986 (19860221)
INTL CLASS: [4] G11B-027/02; G06F-015/40
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 45.4 (INFORMATION PROCESSING
                -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
                Microprocessers)
JOURNAL: Section: P, Section No. 666, Vol. 12, No. 48, Pg. 125,
                February 13, 1988 (19880213)

ABSTRACT
PURPOSE: To make it possible to edit the picture information   stored   in
a non- rewritable and additionally writable recording medium by editing a
document   managing   information in the unit of page.

CONSTITUTION: A cathode-ray tube   display   device 15   displays   a
picture information read by a   scanner   18, reproduces and   displays
the picture information   stored   in the rewritable and additionally
writable optical   disk   device 23, and   displays   a picture of text for
the operator. In a   retrieving   device 13, a   retrieval   information is
inputted from a keyboard 16 in accordance with the picture of text
displayed   on the device 15 at the time of picture-information
registering. When a   retrieval   information is inputted at the time of
retrieving   , the managing information (such as document numbers) of the

picture information given the _retrieval_ information can be obtained
from the device 13. A _printer_ 19 _outputs_ the picture information
compressed and _stored_ in the optical _disk_ device 23 after
elongating. A communication control equipment connected to an interface
part 24 transfers the said information in the device 23 to a remote
facsimile equipment through a communication line.

 9/9/6   (Item 1 from file: 351)
DIALOG(R)File 351:DERWENT WPI   .
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008644853 WPI Acc No: 91-148883/20
XRPX Acc No: N91-114271   *Image available*
    Storage - _retrieval_ data handling appts. - uses imaging
    technology to capture and process images of documents for processing
Index Terms: _STORAGE_   _RETRIEVAL_ DATA HANDLE APPARATUS; IMAGE
    TECHNOLOGY CAPTURE PROCESS IMAGE DOCUMENT PROCESS
Patent Assignee: (BURS) UNISYS CORP
Author (Inventor): NIGAM R K; OSINSKI D A; ROGAN J D; WERNER G M; STEWART M
    A; DANKO M J; FORBES B K; BIRDSALL M G
Number of Patents: 005
Number of Countries: 016
Patent Family:

Patent No	Kind	Date	Week	Applic No	Date	LA	Pages	IPC	
WO 9106058	A	910502	9120						(B)
EP 448673	A	911002	9140	EP 90915057	901004				
US 5170466	A	921208	9252	US 420082	891010		57	G06F-015/20	
				US 879683	920504				
US 5301350	A	940405	9413	US 419566	891010		56	G06F-009/00	
				US 909	930106				
US 5321816	A	940614	9423	US 420081	891010		55	G06F-013/00	
				US 988365	921209				

Priority Data (CC No Date): US 419354 (891010); US 419566 (891010); US
    420081 (891010); US 420082 (891010)
Applications (CC,No,Date): US 988365 (921209); EP 90915057 (901004); US
    879683 (920504); US 909 (930106)
Language: English
EP and/or WO Cited Patents: DE 3116098; DE 3519110; EP 130050; EP 200593;
    EP 311807; FR 2595487; FR 2624632
Designated States
 (National): CA; JP; KR
 (Regional): AT; BE; CH; DE; DK; ES; FR; GB; IT; LU; NL; SE
Filing Details: WO9106058 (+10.10.89(2) -US- 419566,420081) (2217RMC);
    EP0448673 Based on WO9106058 (+10.10.89(2)-US-419566,420081) (2217RMC)
Abstract (Basic): WO 9106058
        The system uses a host computer (6) which communicates commands
    and data to remotely located _storage_ and _retrieval_ modules
    (10) via server and controller appts. (4B). An imaging module (8i) in
    document processor (8) converts document image data into packets for
    transfer to the _storage_ and _retrieval_ modules (10).
        When a workstation (12,14) requires a document for _display_ ,
    it is transmitted over a network in its packets by the _storage_ and
    retrieval module (10), each of which modules are coupled together
    by fibre optic cables.
        USE - For computer system. @(152pp Dwg.No.1a/17
Abstract (US): 9423 US 5321816 A
        The local-remote appts. provides a network combining a local site
    having a host computer and a specialised _storage_ and _retrieval_

module for storing image information which is connected to a remote site having document processing equipment working with remote specialised storage   retrieval ᵥmodules for storage of image and information data.

The single local main host computer can operate the network such that documents which are converted to digitised packets can be stored in and retrieved from both the remote storage   retrieval ·modules and also stored in the local storage   retrieval module for use of the remote and the local peripheral devices.

USE/ADVANTAGE - High speed, high volume data storage and retrieval while permitting control management from single host computer at local site.

Dwg.16/17 9413 US 5301350 A
The bank check document   handling system converts the digitized optical signals containing bank check document image packets having (i) image data and (ii) sequential non-image information data related to the image data into digitized electrical signals forming the bank check document image packets which are stored on identified areas of magnetic disk units via a file management system. In real time, a selected bank check document image packet is retrieved while simultaneous and concurrent storing operations of bank check document image packets are taking place.

 Retrieved bank check document image packets is transmitted to a work station or printer for display . A unit communicates with a host computer to receive operational instructions and to transmit retrieved sequential non-image information for use by the host computer.

ADVANTAGE - High speed, high volume document   handling .

Dwg.1/17 9252 US 5170466 A
The storage and retrieval modules (SRM's) are organised in clusters of six storage / retrieval modules and interconnected by local area network controllers. Each individual storage   retrieval module in a cluster is interconnected to each of the other storage and retrieval modules in that cluster by a local area network controller. It is possible for one cluster of storage and retrieval modules to communicate with another cluster of storage and retrieval modules by use of a fibre optic link using a point-to-point optical controller which can transmit/receive digitised optical data dn can convert digitised optical data to digitised electrical data, and vice versa.

The (SRM) (10) is a high-speed, magnetic disc controller which performs a number of essential functions supportive of the image and item processing system. It retrieves and stores images from the imaging module. It transfers images to the Image Workstations. It transfers images to the Print Workstations. It transfers images to and communicates with other SRM's which can be interconnected. Further, it sends copies of document identification data to the host computer and then also provides image and system file management services to the other hardware components of the system.

USE - High-capacity, high-speed storage / retrieval system for document images in digitised data form permits clusters of (SRM's) to store and exchange digital data via local area networks.

Dwg. 2B/17

004181104   WPI Acc No: 85-007984/02
XRPX Acc No: N85-005554
     Data management   appts. registering document   information uses
     attribute name entered at keyboard to access magnetic   disc   to
     retrieve   classification name of highest correlation
Index Terms: DATA MANAGEMENT   APPARATUS REGISTER DOCUMENT
     INFORMATION; ATTRIBUTE NAME ENTER KEYBOARD ACCESS MAGNETIC   DISC
     RETRIEVAL   CLASSIFY NAME HIGH CORRELATE
Patent Assignee: (TOKE) TOSHIBA KK
Author (Inventor): TAKAGI S
Number of Patents: 004
Patent Family:
     CC Number   Kind   Date   Week
     EP 130050   A   850102   8502   (Basic)
     US 4653021   A   870324   8714
     EP 130050   B   900418   9016
     DE 3482010   G   900523   9022
Priority Data (CC No Date): JP 83110159 (830621)
Applications (CC,No,Date): EP 84304201 (840621); US 620826 (840615)
Language: English
EP and/or WO Cited Patents: A3...8724; US 4205780; GB 2106679; 3.Jnl.REF
Designated States
 (Regional): DE; FR; GB; NL

Abstract (Basic): EP 130050
        A scanner   (3) generates digital document data. An optical
     disc   (7) stores   them. A keyboard allows attribute names
     featuring the respective image data stored   in the optical disc
     to be entered.
        A magnetic disc   (9) stores   classification names and the
     attribute names that are assigned to the respective document images
      stored   in the optical disc . A display   (11) shows the
     contents of both discs   and this can be printed   out (13). A
     c.p.u. (15) controls these devices via a common bus (18). The main
      memory   (17) comprises a r.a.m.
        USE/ADVANTAGE - Easily performs classification of new information
     with high efficiency. @(30pp Dwg.No.1/11
Abstract (US): 8714 US 4653021
        The data management appts. comprises a scanner   for
      scanning   a document image to provide digital document image data.
     A document image memory   stores   the document image data and an
     input device allows for entry of attribute data relevant to the
     document image data. A management   data memory   stores
     classification data and an attribute occurrence frequency table in
     which attribute data are assigned to each of the classification data.
     Frequency of occurrence data equal to the number of documents having a
     particular attribute j (j: an integer equal to or greater than 1) in
     classification i (i: an integer equal to or greater than 1) is appended
     to each of the attribute data.
        A central processing unit accesses the management data memory
     using the attribute data entered through the input as a parameter, for
     computing the frequency of occurrence of the attribute data entered by
     the input. The sum of the frequency of occurrence data of each of the
     attribute data is calculated for each of the classification data, and
     classification data is selected having attribute data with a

predetermined large sum of frequency of occurrence data. A _display_
displays the classification data selected by the central processing
unit, so the operator can select a single of the classification data
and efficiently classify a document. @(18pp)@

Abstract (EP): 9016 EP 130050
A data management apparatus comprising a _display_ (11); first
input means (3) for entering a plurality of image data, _memory_
means for _storing_ the plurality of image data entered by said first
input means; second input means (5) for entering, in the _memory_
means, data relating to the plurality of image data; characterised in
that the _memory_ means has first and second _memory_ sections
(7,9), the plurality of image data entered by the first input means (3)
being _stored_ in the first _memory_ section (7), in that the
second input means is used to enter at least one attribute name which
indicates a feature of each of said plurality of image data _stored_
in said first _memory_ section (7) and _displayed_ on the
display (11), by classification name supplying means (15) for
supplying a classification name which has a highest correlation with
the attribute name entered by said second input means (5), the
attribute name entered by said second input means and the
classification name from said classification name supplying means being
stored in the second _memory_ section (9) so as to correspond to
said each of image data _stored_ in said first _memory_ section
(7), by selecting means (15) for normalising frequencies of a
plurality of attribute names by a total sum of the frequencies when the
plurality of attribute names are entered, and for selecting
classification names having higher frequencies of the attribute means
the number of the selected classification names corresponding to the
number of the attribute names entered by said second input means (5)
and in that when an operator cannot think of the attribute name at the
time of entering the attribute name at said second input means (5), a
plurality of attribute name candidates _stored_ in said second
storage section (9) are _displayed_ on said _display_ (11),
whereby the operator can select and enter a proper attribute name with
reference to _display_ contents. @(22pp)@
File Segment: EPI
Derwent Class: T01; R27;
Int Pat Class: G06F-015/40; G06F-003/00
Manual Codes (EPI/S-X): T01-E01; T01-J05

9/9/8   (Item 3 from file: 351)
DIALOG(R)File 351:DERWENT WPI
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004166943 WPI Acc No: 84-312482/50
XRPX Acc No: N84-233083
Document and data _handling_ and _retrieval_ system
digitises document contents for temporary and permanent _storage_
under segmenting addresses for later recall and _display_
Index Terms: _DOCUMENT_ DATA _HANDLE_ _RETRIEVAL_ SYSTEM; DIGITAL
DOCUMENT CONTENT TEMPORARY PERMANENT _STORAGE_ SEGMENT ADDRESS LATE
RECALL _DISPLAY_
Patent Assignee: (DURR/) DURRER R; (FROE/) FROESSL H
Author (Inventor): FROESSL H
Number of Patents: 008
Patent Family:
CC Number	Kind	Date	Week	
WO 8404864	A	841206	8450	(Basic)
AU 8429612	A	841218	8512	

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EP 144361      A      850619      8525
US 4553261     A      851112      8548
CA 1208797     A      860729      8635
EP 144361      B      881117      8846
DE 3475255     G      881222      8901
IT 1176221     B      870818      9031
```
Priority Data (CC No Date): US 499500 (830531)
Applications (CC,No,Date): WO 84CH85 (840528); EP 84901956 (840528)
Language: German
EP and/or WO Cited Patents: EP 56948; GB 1487507; US 3753240; 2.Jnl.REF
Designated States
  (National): AU; BR; JP
  (Regional): AT; BE; CH; DE; FR; GB; NL; SE; LI
Filing Details: EP0144361 Based on WO8404864 (382SH)

Abstract (Basic): WO 8404864
        The system inputs data from documents that are received
consecutively and   scanned   optically to give a sequence of digital
signals describing the contents of each document and capable of
reproducing an image of that document. A   memory   stores   the
digital signals. Groups of digital signals can be called to reproduce
the document as a picture on a   screen   .
        Manual controls allow the number of places in the document picture
to be selected so that selected segments of the signals can be marked
with an address for later filing and checking this segment. A main
  memory   holds and   stores   these segments in digital form as well
as the address data. The main   memory   may be a   video   disc   .
@(37pp Dwg.No.1/4)@

Abstract (US): 8548 US 4553261
        Documents are sequentially received and   scanned   to form a
series of   digitised   signals representative of digital patterns
closely approximating patterns on each document from which an image of
each document can be reproduced. In a predetermined area of each
document, a set of characters is imprinted uniquely identifying each
document. A buffer   stores   the series of signals along with the
signals representative of the characters.
        Groups of the   digitised   signals are recalled from the buffer
for producing on a   viewable   screen   an image of the patterns of
the document. A number of locations in the document image are selected
to identify selected segments of the digital patterns, and the
information is added to control subsequent deposition of the segments.
A mass data file receives and   stores   the segments in   digitised
form and the address information. @(12pp)@

Abstract (EP): 8846 EP 144361
        Installation for the collection of data from a plurality or source
documents in which means are provided for the successive receipt of
documents (10), for optically sensing each document (11) and for
forming a series of   digitised   signals (12) representative of
digital patterns, which substantially approximate the pattern on each
document with which an image of each document can be produced,
characterised by - means for   printing   a set of indicia (18) in a
given field (20) of each document to identify the document and to
generate electrical signals representative of these indica, -
  storage   means (16) for   storing   the series of   digitised
signals with the signals typical of these sets of indicia, -means for
calling up groups of   digitised   signals (30,31) from the   storage
means and for generating an image of the   digitised   pattern of the
document, from which the signals are formed, - manually operable
control means (35) to select a number of places in the document image
in order to denote thereby selected segments of the digital pattern and
to attach address information (22,23,24) for the control of the later

arrangement of these segments, and - a large capacity store (37,38)
for receipt and storage of these segments in digitised form and
of the address information. @(15pp)@
File Segment: EPI
Derwent Class: T01; W02; R57; R28; R27; R34
Int Pat Class: H04N-001/21; G06K-009/82; G06F-003/14; G06F-015/40;
    G11B-000/00
Manual Codes (EPI/S-X): T01-J05; W02-J03
?pause
>>> PAUSE started.
?

```
Set      Items     Description
S1       777590    DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3       238389    SCAN? OR OCR OR OPTICAL() CHARACTER?() (READ? OR RECOGNI?) OR
                   DIGITI?
S4       431947    DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                   IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5       1153733   STOR? OR MEMOR?
S6       49039     RETRIEV? OR REACCESS? OR RE()ACCESS?
S7       935311    VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                   DU?
S8       1799535   PRINT? OR OUTPUT? OR OUT()PUT?

S10      98        S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11      90        S10 NOT S9
?i
```

File   2:INSPEC 1969-1996/Sep W3
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         (c) 1996 The HW Wilson Co.
File 108:Aerospace Database 1962-1996/Sep
         (c) 1996 AIAA
File 144:Pascal 1973-1996/Aug
         (c) 1996 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1996/Sep W2
         (c) 1996 Inst for Sci Info
?ds

Set   Items   Description
S1   1533442   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2   14512   S1(2N)(MANAG? OR HANDL?)
S3   602203   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                  DIGITI?
S4   463672   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                  IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5   1056537   STOR? OR MEMOR?
S6   145036   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7   1211503   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                  DU?
S8   716524   PRINT? OR OUTPUT? OR OUT()PUT?
S9   12   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8

t9/7/all

 9/7/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 1996 Institution of Electrical Engineers. All rts. reserv.

5371130   INSPEC Abstract Number: C9610-6130D-009
 Title: Computer-based vertical files
  Author(s): Falk, H.
  Journal: Electronic Library   vol.14, no.4   p.365-8
  Publisher: Learned Information,
  Publication Date: Aug. 1996   Country of Publication: UK
  CODEN: ELLIDZ ISSN: 0264-0473
  SICI: 0264-0473(199608)14:4L.365:CBVF;1-W
  Material Identity Number: E880-96004
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P)
  Abstract: Suppose you had a vertical file and wanted to convert it to a
computer based file. What would you need? In a computer based vertical file
system, documents such as pages of text, booklets, newspaper clippings and
photographs are   stored   in files that can be accessed by computer. A
  scanner   is used to enter documents into the system. The documents are
indexed by manual indexing, automatic full text indexing or both, and they
are kept in computer   disk   storage . Document   management
 software is used for indexing and document   retrieval . Vertical file
users can   view   stored   documents on a computer   screen , copy

range images to a floppy __disk__ , or __print__ the images.   (0 Refs)

   9/7/2   (Item 2 from file: 2)

4974044   INSPEC Abstract Number: C9507-7210L-051
   Title: Developing the scientific-technical digital library at a national
laboratory
   Author(s): Stackpole, L.E.; Atkinson, R.D.; Yokley, J.
   Author Affiliation: US Naval Res. Lab., Washington, DC, USA
   p.265-79
   Editor(s): Adam, N.R.; Bhargava, B.K.; Yesha, Y.
   Publisher: Springer-Verlag, Berlin, Germany
   Publication   Date: 1995   Country   of   Publication: West Germany
xiii+321 pp.
   ISBN: 3 540 59282 2
   Conference Title: Digital Libraries. Current Issues. Digital Libraries
Workshop DL'94. Selected Papers
   Conference Date: 19-20 May 1994   Conference Location: Newark, NJ, USA
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)
   Abstract: The NRL Library is well on the way to providing its research
community   with   access   to a "digital library." Through its InfoNet
Campus-Wide Information System it provides researchers with menu-driven
desktop access to a large number of local and remote information resources.
With its Research Reports Imaging System the Library turned its online
reports catalogue into an information __retrieval__ tool instead of a
pointer, enabling the user to __view__ entire documents online or __print__
them on demand. When completed, TORPEDO will combine the capabilities of
both; through the use of powerful search and __retrieval__ tools, it will
disseminate electronic images, enabling end users seated at their computers
or workstations to search, __view__ and __print__ the contents of large
collections of library materials. The system, consisting of a Mosaic front
end and a commercial imaging/indexing system, will be accessible via the
campus network and the Internet. TORPEDO is being designed for expansion
and will permit the addition of multiple __scanning__ subsystems and
optical __storage__ juke box devices. The initial system will permit NRL
campus access to the information using the SUN workstation and associated
optical __storage__ hardware and software. The SUN will provide magnetic
 __storage__ for the Excalibur text database and will host the Mosaic
software and the Excalibur __retrieval__ engine. Initially TORPEDO will
 __handle__ one million __image__ pages which will occupy roughly 60 GB of
optical __disk__ __storage__ .   (0 Refs)

   9/7/3   (Item 3 from file: 2)

4887342
 Title: The DIP alternative (Accountancy)
  Author(s): Etherington, A.
  Journal: Accountancy   vol.115, no.1218   p.60-2
  Publication Date: Feb. 1995   Country of Publication: UK
  CODEN: ACTYAD ISSN: 0001-4664
  Language: English   Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Many accountants have so far shunned the benefits of a new way to _store_ and _retrieve_ documents. They should definitely look again. Electronic _document_ ' _management_ (EDM) is the collective term for technologies that enable businesses to concentrate on dealing with information, rather than the data usually associated with computer-based systems. EDM systems can be split into three groups: document image processing, workflow and groupware. Workflow systems are mainly concerned with controlling the flow of information and documentation by automatic routing. Groupware aims to reflect the way people work, so it often supports workflow. And both workflow and groupware systems may include document image processing (DIP) components. DIP is the name given to systems that convert paper files to computer files. Items of paper are _scanned_ individually, then indexed and _stored_ on an optical _disk_ . Subsequently, these exact facsimiles of the originals can be _retrieved_ , either on to a _screen_ or via a laser _printer_ , whenever necessary. (0 Refs)

9/7/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

03858030   INSPEC Abstract Number: C91030521, D91001153
 Title: Today's CAR: a range of system choices
 Author(s): Melville, W.D.
 Journal: IMC Journal   vol.27, no.1   p.8-10
 Publication Date: Jan.-Feb. 1991   Country of Publication: USA
 CODEN: IMGCB7 ISSN: 0019-0012
 Language: English   Document Type: Journal Paper (JP)
 Treatment: General, Review (G)

Abstract: Despite the emergence of optical _disk_ for use in some _document_ _management_ applications, many users still find computer-assisted _retrieval_ (CAR) of microfilm to be their appropriate system solution. Making an intelligent buying decision can be easier if you have a basic understanding of all three types and how they might be applied to one's needs. All three types of CAR systems use the same basic components: a microfilmer that captures the document image, a computer system to _store_ the microfilm addresses of those images, and a _retrieval_ terminal that is used to recall, _display_ and _print_ hard copies of the microfilm images. Many different factors go into selecting the best CAR system for an application. The response time needed, involvement of the MIS department, and the capabilities of different types of systems should all be considered. (0 Refs)

9/7/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC'

03829137   INSPEC Abstract Number: D91000695
 Title: Paperless by design (imaging system)
 Author(s): Hegarty, S.
 Journal: Innovations   no.7   p.10-11
 Publication Date: Winter 1990   Country of Publication: UK
 Language: English   Document Type: Journal Paper (JP)
 Treatment: Practical (P)

Abstract: Rolls-Royce and Associates (RRA) agreed to undertake world-wide beta testing of the Unisys InfoImage electronic _document_ _management_

system (EDMS). The author briefly discusses the testing performed by RRA and discusses the main features of the EDMS which were of use to RRA. The main advantage of EDMS is that it removes the need to _store_ paper documents. The system includes optical _disk_ _storage_ and a _retrieval_ 'jukebox'. For the beta-test there was one of each type of workstation-to _view_ , mark-up and edit, as well as _scanners_ for A0, A4 and A4 docs and aperture cards. A magnetic tape drive and laser _printers_ were also included. Documents can be _scanned_ in directly, or taken off CAD and _stored_ in EDMS. The latest version can then be accessed at any workstation. The system can also clean up old drawings. EDMS runs on industry-standard MS/DOS workstations, and the document _storage_ processor is Unix based. (0 Refs)

9/7/6   (Item 6 from file: 2)

03794657   INSPEC Abstract Number: C91011765
 Title: EDMICS (goes to work)
  Author(s): Kaebnick, G.E.
  Journal: Inform   vol.4, no.9   p.15-16
  Publication Date: Oct. 1990   Country of Publication: USA
  CODEN: INFREN ISSN: 0892-3876
  Language: English   Document Type: Journal Paper (JP)
  Treatment: General, Review (G)
  Abstract: The biggest engineering _document_ _management_ project in the United States is beginning to pan out. Advanced Technology, Inc. reports that it is nearly through the extensive testing cycle for the first installation of the US Navy's Engineering Data Management Information and Control System. The installation is at the Naval Ordnance Station in Louisville, Kentucky. The system is a centerpiece of the Department of Defense's Computer-aided Acquisition and Logistics Support program, a broad-ranging effort to convert from manual to electronic interchange and _storage_ of data within DOD and between DOD and its contractors. What is installed at Louisville is an optical _disk_ -based system for acquiring, editing, _retrieving_ , reproducing, and distributing engineering data and drawings. It replaces a manual repository that employs a combination of aperture cards and paper. A complete EDMICS installation will consist of main-frame computers, advanced _video_ workstations, _scanners_ , plotters, laser _printers_ , and optical _disk_ jukeboxes and drives. Installations will vary in configuration and capability from site to site, since EDMICS consists of modular units that can be built virtually as needed. (0 Refs)

9/7/7   (Item 7 from file: 2)

03496280   INSPEC Abstract Number: C89068961
 Title: Digital recording systems: the OPAL Press Cuttings Library
  Author(s): Sibuns, S.
  Conference Title: SCIL '89 International. Proceedings of the Third Annual Conference on Small Computers in Libraries   p.25-8
  Publisher: Meckler, London, UK
  Publication Date: 1989   Country of Publication: UK   136 pp.
  Conference Date: 21-23 Feb. 1989   Conference Location: London, UK
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)

Abstract: By the _scanning_ and _digitising_ of images which are then _stored_ on optical _disks_ , the OPAL Press Cuttings Library provides a fully integrated _storage_ and _retrieval_ system for press cuttings or documents. An integrated indexing database provides quick access to any of the _stored_ images. OPAL consists of an _image_ _management_ system (IMS) and a database management system (DMS). The IMS provides all image _scanning_ , _storage_ , _retrieval_ , _display_ and _printing_ facilities. The DMS provides the ability to associate indexing terms with items and to browse those indexing terms to find a suitable set of cuttings or documents. More specifically, the major components of the OPAL system are: _scanning_ station, integrated workstation, _printing_ station, optical _storage_ and _retrieval_ unit (OSAR) and database management system. Typical facilities of OPAL are: folders, secondary labels, identical folder names, collectives and associated folders. (0 Refs)

9/7/8   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC

03344114   INSPEC Abstract Number: C89028532
 Title: The new breed of mixed-media _image_ _management_ systems
  Author(s): Black, D.
  Journal: IMC Journal   vol.25, no.1   p.9-13
  Publication Date: Jan.-Feb. 1989   Country of Publication: USA
  CODEN: IMGCB7 ISSN: 0019-0012
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P); Product Review (R)
  Abstract: The benefits of automated _image_ _management_ systems (where _documents_ are _stored_ as pictures on mass _storage_ devices), are discussed. Mixed-media _image_ _management_ systems mix and match proven online microfilm and magnetic _storage_ with emerging optical laser technology, depending on user needs. The IMNET mixed-media system is used to highlight certain aspects of such systems. An IMNET Image Network supports all the functions needed for automated _image_ _management_ : filming and/or _scanning_ image capture; indexing and database management; optical _disk_ and on-line microfilm image SAR libraries; interactive _display_ capabilities; local and remote distribution; _printing_ and FAX facilities; net gateways for co-existence/connectivity with existing DP systems; and work-in-progress functions. (0 Refs)

9/7/9   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC

03180251   INSPEC Abstract Number: D88002288
 Title: Optical _disk_ data (optical _disk_ -based workstation)
  Author(s): Fordham, E.
  Journal: Business Equipment Digest   p.48
  Publication Date: June 1988   Country of Publication: UK
  CODEN: BEQDAS ISSN: 0007-6708
  Language: English   Document Type: Journal Paper (JP)
  Treatment: General, Review (G)
  Abstract: A new information management workstation, the OD1000, has been introduced by Kodak Business Imaging Systems, which is designed to meet the _document_ _handling_ needs of the small to medium sized business-but at a basic configuration price of about Pounds 30000 the potential user must be indicating a clear commitment to high technology. The system is

based on the IBM PC; an optical _disk_ of the _WORM_ format; a desktop _scanner_ ; and a laser _printer_ . The _storage_ and _retrieval_ software integrates the document capture, indexing and _storage_ . The high resolution _display_ can be used to access and read any document and can assist the user in determining what _printout_ is required. (0 Refs)

9/7/10   (Item 10 from file: 2)
DIALOG(R)File   2:INSPEC

02647479   INSPEC Abstract Number: B86032407, C86025652
   Title: Experimental systems for diagnostic _image_ _management_
   Author(s): Okabe, T.; Sato, K.
   Author Affiliation: Hitachi Med. Corp., Res. & Dev. Center, Chiba, Japan
   Journal: Proceedings of the SPIE - The International Society for Optical Engineering   vol.536   p.199-204
   Publication Date: 1985   Country of Publication: USA
   CODEN: PSISDG ISSN: 0277-786X
   Conference Title: 3rd International Conference on Picture Archiving and Communication Systems (PACS III) for Medical Applications
   Conference Sponsor: SPIE
   Conference Date: 7-8 Feb. 1985   Conference Location: Newport Beach, CA, USA
   Language: English   Document Type: Conference Paper (PA); Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: Developing several key equipments, the authors made experimental systems for diagnostic _image_ _management_ , which could make it possible to file and _retrieve_ both digital and analog image data, and to process them for editing, processing and _displaying_ their clinical information on the high resolution monitors. The details of the systems and equipments, and preliminary experiences with them are reported. (0 Refs)

9/7/11   (Item 11 from file: 2)
DIALOG(R)File   2:INSPEC

02503766   INSPEC Abstract Number: C85042128
   Title: Optical digital data _disk_ systems for the management and dissemination of office and engineering documents
   Author(s): Walter, G.
   Author Affiliation: Integrated Autom., Berkeley, CA, USA
   Journal: International Journal of Micrographics & Video Technology vol.4, no.1   p.21/30
   Publication Date: 1985   Country of Publication: UK
   CODEN: IJMTDZ ISSN: 0743-9636
   U.S. Copyright Clearance Center Code: 0743-9636/85$3.00+0.00
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: By December 1984 about, one dozen special _document_ _management_ systems were working in the US, Germany and France. These systems have as their central _storage_ bank optical digital data _disk_ (ODDD) mass _memory_ subsystems that _store_ the _digitized_ facsimile of graphic, not-machine-readable documents. Access to very large document accumulations from remote workstations is possible in seconds and the document images are telecommunicated via computer data channels or voice-grade phone lines to high-resolution _video_ _display_ terminals

or plain paper printers . In addition, it is reported, that a much greater number of smaller systems operates in Japan. These are classified as facsimile message buffers and also use the ODDD and image telecommunication technologies. They differ from the large document management systems by the smaller number (less than 50000 pages) of accessible (on-line) documents. Moreover, their software for the search by key-word or attributes is also less capable than the software of the large US and European systems. The ODDD-based systems differ in their capability attributes from computer assisted retrieval systems with micrographic document banks (Microform CAR Systems). This paper discusses these differences. Magnetic storage (rotating direct access storage systems and tape systems) are also examined where this is helpful to the understanding of the ODDD technology. (0 Refs)

9/7/12   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03357178   E.I. Monthly No: EI9201006373
    Title: Digital imaging technology. What, where, and why in commercial nuclear power.
    Author: Reding, Tom
    Corporate Source: Southern Electric Intl Inc
    Source: Nuclear Plant Journal v 9 n 4 Jul-Aug 1991 p 89-90, 94
    Publication Year: 1991
    CODEN: NPJOEZ   ISSN: 0892-2055
    Language: English
    Document Type: JA; (Journal Article)   Treatment: G; (General Review)
    Journal Announcement: 9201
    Abstract: Digital imaging is a technology whereby images of all types (i.e., operating, health physics, and maintenance records, as well as controlled documents such as procedures, drawings, vendor information, equipment, and technical, specifications) may be input, stored , retrieved , manipulated, transmitted, viewed , and printed from electronic media. Digital imaging is a technology which incorporates many existing and proven technologies. Digital imaging technology encompasses laser recording, intelligent/ optical character recognition (ICR/ OCR), raster scanning , optical disk storage media, facsimile transmission, local and wide area network communications, twisted pair wiring (shielded and unshielded), coaxial cable (thin and standard), fiber optics, microwave, land lines, laser printing , raster editing and vector design and drafting, text management software, voice annotation, and finally, a database management system which drives the system itself. Data/images may be stored and retrieved from the following media types: magnetic (on mainframes, minis, file servers, and personal computers), write once read many (WORM) archival optical disks , or magneto-optic (erasable) non-archival optical disks , and in some cases microforms such as roll film, fiche, or aperture cards.
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Set      Items     Description
S1      1533442    DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3       602203    SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                   DIGITI?
S4       463672    DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                   IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5      1056537    STOR? OR MEMOR?
S6       145036    RETRIEV? OR REACCESS? OR RE()ACCESS?
S7      1211503    VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                   DU?
S8       716524    PRINT? OR OUTPUT? OR OUT()PUT?

S10          69    S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11          57    S10 NOT S9

S13          50    RD S11 (unique items)
?
t13/6/all
>>> PAUSE ended.
```

13/6/1   (Item 1 from file: 2)
4904749   INSPEC Abstract Number: C9504-6160S-019
 Title: Using simulation to size   document   imaging systems
  Copyright 1995, IEE

13/6/2   (Item 2 from file: 2)
4630675   INSPEC Abstract Number: C9405-7250L-002
  Title: Retrieval   of optical   images   using Cuadra Star and GeneSys
in the Ruth H. Hooker Research Library and Technical Information Center

13/6/3   (Item 3 from file: 2)
4544527   INSPEC Abstract Number: C9401-5260B-143
  Title: Electronic   document   imaging for library applications: an
analysis of selected implementation issues

13/6/4   (Item 4 from file: 2)
04260880   INSPEC Abstract Number: C9212-7250C-001
  Title: The Patent Abstract   Image   System of the Australian Patent
Office

13/6/5   (Item 5 from file: 2)
04147647   INSPEC Abstract Number: C9206-7100-021
 Title: DIP for the desktop

13/6/6   (Item 6 from file: 2)
03939444   INSPEC Abstract Number: C91055083
  Title: Database for photographs and slides at the National Museum of
Ethnology

13/6/7   (Item 7 from file: 2)
03702456   INSPEC Abstract Number: C90059091
 Title: Applying electronic   image   processing to photostats

13/6/8   (Item 8 from file: 2)
03663317   INSPEC Abstract Number: C90047679
Title: Paper woes thwarted on Capitol Hill

13/6/9   (Item 9 from file: 2)
03624341   INSPEC Abstract Number: C90035608
Title: Image   and data processing working together

13/6/10   (Item 10 from file: 2)
03550078   INSPEC Abstract Number: C90015995
Title: DocMaster: a new way of archiving

13/6/11   (Item 11 from file: 2)
03527161   INSPEC Abstract Number: C90008727
  Title: CMB: document   image   processing in a technical information
services environment

13/6/12   (Item 12 from file: 2)
03486949   INSPEC Abstract Number: C89068956
  Title: Paper   woes   thwarted   on   Capitol Hill as House installs optical
  disk   system

13/6/13   (Item 13 from file: 2)
03386327   INSPEC Abstract Number: D89001590
  Title: Document   imaging technology

13/6/14   (Item 14 from file: 2)
03328310   INSPEC Abstract Number: C89022259
Title: Strategic rethinking

13/6/15   (Item 15 from file: 2)
03266439   INSPEC Abstract Number: C89003582
Title: Knowledge base for storage   and retrieval   of pictures

13/6/16   (Item 16 from file: 2)
03183920   INSPEC Abstract Number: C88046908
  Title: Document   image   processing not just another story   about
the paperless office

13/6/17   (Item 17 from file: 2)
03131025   INSPEC Abstract Number: B88036557, C88031690
  Title: Pilot PACS with on-line communication between an   image
workstation and CT scanners   in a clinical environment

13/6/18   (Item 18 from file: 2)
02993207   INSPEC Abstract Number: B87069599, C87061220
  Title: Document - image   processing: breaking the productivity
barrier in today's office

13/6/19   (Item 19 from file: 2)
02911375   INSPEC Abstract Number: C87042888
Title: The effect of pre-processing on image compression

13/6/20   (Item 20 from file: 2)
02793521   INSPEC Abstract Number: C87006636
Title: Hitachi optical disk file system HITFILE 60

13/6/21   (Item 21 from file: 2)
02599206   INSPEC Abstract Number: C86014695
Title: A prototype system for the electronic storage and retrieval
of document   images

13/6/22   (Item 22 from file: 2)
02565304   INSPEC Abstract Number: C86003740
Title: Personal computer for the picture editor

13/6/23   (Item 23 from file: 2)
02550504   INSPEC Abstract Number: B85063269, C85051255
Title: The challenge of a document delivery experiment: Eurodocdel

13/6/24   (Item 24 from file: 2)
02477664   INSPEC Abstract Number: C85034449
Title: A document   storage application: the SARDE project

13/6/25   (Item 25 from file: 2)
02424062   INSPEC Abstract Number: C85020578
 Title: Advanced system for optical document file system 'Panafile
1000'

13/6/26   (Item 26 from file: 2)
02302894   INSPEC Abstract Number: C84040565
 Title: Applications of digital optical disks in library preservation
and reference

13/6/27   (Item 27 from file: 2)
02237758   INSPEC Abstract Number: C84022992
 Title: An optical disk system that will allow the Library of Congress
to print · 5.5 million catalog cards 'on demand'

13/6/28   (Item 28 from file: 2)
02207353   INSPEC Abstract Number: B84016775, C84013707
 Title: Optical document file system

13/6/29   (Item 29 from file: 2)
01998611   INSPEC Abstract Number: C83010509
 Title: High density read/write optical system

13/6/30   (Item 30 from file: 2)
01965781   INSPEC Abstract Number: C83002818
  Title: Storage and retrieval of planetary photographic images
by laser/ video disk technology

13/6/31   (Item 31 from file: 2)
01799622   INSPEC Abstract Number: C82006703
  Title: Automated engraving of gravure cylinders

13/6/32   (Item 32 from file: 2)
01776261   INSPEC Abstract Number: C82001940
  Title: Sophisticated system for retrieving records captures user
interest

13/6/33   (Item 33 from file: 2)
01542933   INSPEC Abstract Number: A80068304, B80034588, C80021981
  Title: Progress with, image processing on a scanning Auger
microprobe

13/6/34   (Item 34 from file: 2)
01537397   INSPEC Abstract Number: A80067308, C80022022
  Title: Computer-assisted mapping with the light microscope

13/6/35   (Item 1 from file: 6)
1743888 NTIS Accession Number: DE93019225/XAB
  Low-Speed Fingerprint Image Capture System User's Guide, June 1, 1993
  NTIS Prices: PC A04/MF A01

13/6/36   (Item 2 from file: 6)
1468103 NTIS Accession Number: DE90008852/XAB
  Army War College final prototype optical disk system testing and
evaluation report
  Portions of this document are illegible in microfiche products.
  NTIS Prices: PC A04/MF A01

13/6/37   (Item 3 from file: 6)
1448004 NTIS Accession Number: PB90-176371/XAB
  Electronic Images
  (Research note)
  NTIS Prices: PC A07/MF A01

13/6/38   (Item 1 from file: 8)
01825739
  Title: PROTOTYPE SYSTEM FOR ELECTRONIC DOCUMENT IMAGE STORAGE
AND RETRIEVAL .

13/6/39   (Item 2 from file: 8)
01457941
  Title: CODING OF OPTICAL DISCS FOR DOCUMENT STORAGE .
  Conference Title: Colloquium on Coding of Documentary Information.

13/6/40   (Item 3 from file: 8)
01135301
  Title: DOCUMENT   STORAGE   AND   RETRIEVAL   SYSTEM.

13/6/41   (Item 4 from file: 8)
01065218
  Title: INTERFACING DP AND MICROGRAPHICS TECHNOLOGY TO SAVE DP DOLLARS.

13/6/42   (Item 5 from file: 8)
00994475
  Title: LASER   MEMORIES   FOR   IMAGE   STORAGE .

13/6/43   (Item 6 from file: 8)
00969186
    Title: LASERFILE   --   A   HIGH-SPEED   DOCUMENT   STORAGE   AND
  RETRIEVAL   SYSTEM.

13/6/44   (Item 7 from file: 8)
00899250
    Title: INTEGRATION OF   CRT   'S COM AND SOURCE   DOCUMENT   FICHE TO AID
INFORMATION   RETRIEVAL .

13/6/45   (Item 1 from file: 94)
01633644   JICST ACCESSION NUMBER: 92A0432947   FILE SEGMENT: JICST-E
A Medical Record Management System Using an Optical   Disk   Filing System.

13/6/46   (Item 2 from file: 94)
01380814   JICST ACCESSION NUMBER: 91A0349120   FILE SEGMENT: JICST-E
Database for photographs and slides at the National Museum of Ethnology.

13/6/47   (Item 3 from file: 94)
01223558   JICST ACCESSION NUMBER: 91A0002043   FILE SEGMENT: JICST-E
Construction of a database for slides and photographs.

13/6/48   (Item 4 from file: 94)
00434251   JICST ACCESSION NUMBER: 87A0186519   FILE SEGMENT: JICST-E
Medical imaging. Medical   image   filing system, TDIS-FILE.

13/6/49   (Item 1 from file: 108)
01437422   N83-18578
  ADONIS: An automated system for   document   delivery

13/6/50   (Item 1 from file: 434)
11866475   Genuine Article#: JR864   Number of References: 14
Title: COMPUTER-SYSTEM FOR THE ACQUISITION AND ANALYSIS OF VASCULAR
    CONTRACTILITY - APPLICATION TO A BIOASSAY OF ENDOTHELIAL-CELL FUNCTION
(Abstract Available)
?pause
>>> PAUSE started.

File 35:Dissertation Abstracts Online 1861-1996/Sep
          (c) 1996 UMI
File 202:Information Science Abs. 1966-1996/Aug
          (c) 1996 IFI/Plenum Data Corp.
File 233:Microcomputer Abstracts(TM) 81-1996/Sep
          (c) 1996 Information Today,Inc
?ds

Set   Items   Description
S1   207705   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2   4202   S1(2N)(MANAG? OR HANDL?)
S3   23225   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                    DIGITI?
S4   63078   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                    IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5   95840   STOR? OR MEMOR?
S6   25866   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7   187497   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                    DU?
S8   61771   PRINT? OR OUTPUT? OR OUT()PUT?
S9   2   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
?c
t9/7/all

 9/7/1   (Item 1 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)
(c) 1996 Information Today,Inc. All rts. reserv.

0363535   94IT10-038
   New Canofile 510 desktop filing system
   Information Today , October 1, 1994 , v11 n9 p61, 1 Page(s)   ISSN:
8755-6286
   Company Name: Canon USA
   Product Name: Canofile 510
   Announces that Canon U.S.A. is offering the Canofile 510 system
($18,500). Says the system includes the Canofile 510 desktop electronic
filing system with a digital rotary scanner, re-writable magneto-optical
disk driver, an 8-inch by 11-inch LCD display, a full keyboard, and the
Fileprint 300 laser beam printer. Says the scanner can capture 50
letter-sized documents per minute, and can scan both sides of an inserted
sheet. File organization uses a descriptive index and a categorizing index.
The CF520 can store as many as 13,000 documents which are easily
retrievable. The laser printer features 400 dpi eight page per minute
output. Includes one photograph. (LDS)

 9/7/2   (Item 2 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)
(c) 1996 Information Today,Inc. All rts. reserv.

0210481   90IW02-331
   LAN document manager uses Microsoft Windows Office View uses scanner,
full-text indexing
   Mace, Scott
   InfoWorld , February 26, 1990 , v12 n9 p29, 1 Pages   ISSN: 0199-6649
   Reports that at Networld, Micronet Software Corp. of College Park, MD
(301) demonstrated Office View v2.0 ($4,995 for a 4-user license), a
Microsoft Windows-based document management system for Novell LANs with
full-text search and automatic indexing. Says it allows users to maintain a
paperless office by scanning a document, creating an image of it, then

storing the image on a file server's hard disk or optical disc. The images
can be displayed, retrieved, or printed. Notes that version 1.0 is
currently available. (lj)
?pause
>>> PAUSE started.
?

```
Set      Items     Description
S1      207705    DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3       23225    SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                  DIGITI?
S4       63078    DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                  IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5       95840    STOR? OR MEMOR?
S6       25866    RETRIEV? OR REACCESS? OR RE()ACCESS?
S7      187497    VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                  DU?
S8       61771    PRINT? OR OUTPUT? OR OUT()PUT?

S10         10    S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11          8    S10 NOT S9
?
t11/7/all
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11/7/1   (Item 1 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00190585   9500585
ISA Document Number in Printed Publication: 9500477
    information   _retrieval_   system.
Document Type: Patent
Author (Affiliation): Kojima, K.
Patent Assignee(s): Sony Corp. (JP)
Patent Number(s): US 5383029
Publication Language(s): English
Source: Jan 17, 1995
        An information _retrieval_   system in which _image_   information
    inputted by an _image_   inputting device, such as an _image_
    scanner , is reduced in size by an _image_ -reducing unit. An
    identification code for _retrieval_   is assigned to the reduced
    image   before being _printed_   by a _printer_ . In this manner, a
    plurality of reduced _images_   and identification codes associated
    with the reduced _images_   are _printed_   on a paper sheet. The
    identification codes on the paper sheet are read by a code reader so
    that a CPU may extract the corresponding _image_   information from a
    disc   device for _display_   on a _display_ . device. By binding the
    printed   paper sheets into a file, the _storage_   space size is
    diminished, while the operation of turning over leaves of the file for
    retrieval   is expedited. The _image_   information is also
    retrieved   easily with the aid of the identification codes.

11/7/2   (Item 2 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00175414   9305414
ISA Document Number in Printed Publication: 9305245
    Retrieval   of optical _images_   using Cuadra Star and GeneSys in
    the Ruth H. Hooker Research Library and Technical Information Center.
Document Type: Monographic Chapter
Author (Affiliation): Bradley M.L.   (Naval Research Lab., Washington, DC);
    Folen, D.R.
Country of Affiliation: United States
Publication Language(s): English

Publication Country: United States
Source: In Proceedings of the Fourteenth National Online Meeting, New York,
     NY, May 1993 p. 43-49 1993 Learned Information, Inc. Medford, NJ ISBN:
     0-938734-73-3 2
         The Ruth H. Hooker Research Library and Technical Information
     Center of the Naval Research Laboratory (NRL) in Washington, DC is
     taking advantage of recent technical advances to place the optical
      images   of its scientific reports on   disk   and   store   them in
     an autochanger roughly the size of a standard home refrigerator. This
     conversion allows the Library to   store   its report collection in a
     small fraction of the space once needed, and to   retrieve   reports
     almost instantaneously. The full   text   of over 60,000 reports
     averaging 55 pages per report (about one-fifth of the report
     collection), has already been   stored   as optical   images   and
     36,000 more will be . scanned   by the end of the current year. These
      images   are on 12-inch optical   disks   in a 50 platter. Sony
     autochanger. In addition to the autochanger, the basic system consists
     of an Alphamicro minicomputer, an optical server, a file server, PCs
     for transferring   images   to   disk   ,   scanners   ,   printers   ,
     and workstations. The reports are fully indexed in a Cuadra Star
     database. Page   images   of the reports are   retrieved   using the
      ImageExtender   capability of the GeneSys software. The Library user
     searches the STAR database from a PC to identify those reports needed.
     Once the reports are identified a scroll bar is placed over the
     accession numbers of these reports and with the touch of a key the
      images   are   retrieved   . Pages of reports can be   displayed   one
     at a time on the   screen   or, in a Windows version, pages from two or
     more reports can be   displayed   simultaneously. The same report can
     be   viewed   simultaneously at more than one workstation. The user can
     flip back and forth through the report on the   screen   , front to back
     or back to front, or go directly to a certain page. All or part of a
     report can be   printed   out by the user on a high speed   printer   .

 11/7/3   (Item 3 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00148337 9008337
ISA Document Number in Printed Publication: 9008316
     Information   storage   and   retrieval   system.
Document Type: Patent
Author (Affiliation): Boyne, W.J.
Patent Assignee(s): Smithsonian Institute
Patent Number(s): US 4941125
Publication Language(s): English
Source: Jul 10, 1990
         A digital camera is used to   scan   documents   and generate a
     corresponding digital   output   signal. A data processor receives the
     digital   output   signal and generates corresponding index
     information. The   video   and index information are then   stored   on
     one or more optical   disks   for search and   retrieval   .

 11/7/4   (Item 4 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00073150 8305650
ISA Document Number in Printed Publication: 8305650

Storage and retrieval of planetary photographic images by laser/ video disk technology.
Document Type: Journal Article
Author (Affiliation): Fisher, M. (Pasadena, CA Jet Propulsion Lab., California Inst. of Technol.)
Journal: Journal of Micrographics
Publication Language(s): English
Source: Vol. 15 Issue 9 p. 20-22 Sep. 1982
    Photographs made from spacecraft data are scanned . The output signal controls duration and spacing of laser pulses which burn holes in circular tracks of video disks . A lower-power laser scans a video disk and causes television-formed images to appear on a monitor as an investigator searches stored images by selecting attributes. The monitor gives locations of the original image data tape

11/7/5   (Item 5 from file: 202)
DIALOG(R)File 202:Information Science Abs.

00013357 7101857
    THE STORAGE AND RETRIEVAL BY COMPUTERIZED SYSTEMS OF CHEMICAL INFORMATION BY DERWENT PUBLICATIONS LIMITED.
Document Type: Monographic
Author (Affiliation): DIXON, M.D. (DERWENT PUBLICATIONS LTD., LONDON).
Publication Language(s): English
Source: IN EVERS, H., ED. PROCEEDINGS OF THE SYMPOSIUM ON COMPUTER-BASED CHEMICAL INFORMATION, 4-7 NOVEMBER 1968, NOORDWIJK, THE NETHERLANDS. P. 209-252. DISCUSSION, P. 253-259. 39 ILLUS. 0 REF. SEE ISA 71-1679/Y.
    DERWENT PUBLICATIONS LTD. HAVE MAXIMIZED THE USE OF COMPUTERS IN HANDLING LARGE NUMBERS OF DOCUMENTS IN CHEMISTRY. THE DERWENT DOCUMENTATION SERVICES COVERING PATENTS ARE FARMDOC (PHARMACEUTICALS), AGDOC (AGRICULTURE), AND PLASDOC (PLASTIC AND POLYMERS). SERVICES COVERING JOURNALS ARE RINGDOC (PHARMACEUTICALS), VETDOC (ISA 71-834)(VETERINARY PRODUCTS), AND PESTDOC (ISA 71-833) (AGRICULTURAL CHEMICALS). PAPERS AND PATENTS ARE VIEWED BY TEAMS OF EXPERTS WHO PRODUCE A CONVENTIONAL NARRATIVE ABSTRACT AND A CODED ABSTRACT OF THE SOURCE DOCUMENT . CODES MAY BE MANUAL, OR BY SYSTEMS REPRESENTING CLASSES OF COMPOUNDS, OR BY MARKUSH FORMULAE, ALLOWING RETRIEVAL BY SPECIFIC AND GENERIC CONCEPTS. EXAMPLES OF THE VARIOUS CODES ARE PRESENTED. CODELESS SCANNING HEADINGS FOR THE ABSTRACTS EMPLOY THEMATIC GROUPS, INDEX TERMS, FREE TERMS, AND S.D.I. (SELECTIVE DISSEMINATION OF INFORMATION) PROFILES. A LIMITED NUMBER OF ABOUT 1,200 TERMS FROM AN OPEN-ENDED LIST IS USED. A THESAURUS HAS BEEN COMPILED WHICH STANDARDIZES TERMINOLOGY AND SPELLING AS WELL AS THE CONNECTION OF A "FREE TERM" CONCEPT WITH A GIVEN "INDEX TERM." IN THE PUNCH CARD CODE, EACH POSITION ON A STANDARD IBM CARD IS ASSIGNED A SPECIFIC CHEMICAL OR NON-CHEMICAL CONCEPT OR A GROUP OF RELATED CONCEPTS. THE SAME PUNCH CARD CODE IS USED FOR FARMDOC AND AGDOC. THE PLASDOC PUNCH CARD CODE HAS BEEN USED FOR SEVERAL YEARS. THE RING CODE IS USED FOR ENCODING RINGDOC AND IN A MODIFIED FORM FOR PESTDOC AND VETDOC. THE GENERAL CHEMICAL, STEROID, AND PEPTIDE CODES ARE DESCRIBED. AT DERWENT, COMPUTERS ARE USED TO GENERATE INDEXES, FOR A CENTRALIZED SEARCH· BUREAU, FOR SUBSCRIBER IN-HOUSE SEARCHING, AND FOR DERWENT IN-HOUSE SEARCHING. USING A SPECIALLY MODIFIED KWIC INDEX PROGRAM ON AN IBM 7094 COMPUTER, INDEXES ARE PRODUCED BY THE NAME OF PATENTEE AND BY PRIORITY APPLICATION DATE AND NUMBER FOR IDENTIFYING EQUIVALENT PATENTS. AND IBM 7094/1401 HAS BEEN SERVICING SUBSCRIBERS WHO PERFER TO HAVE SEARCHES CARRIED OUT FOR THEM ON A CENTRAL COMPUTER. FOR SECURITY REASONS, MOST

SUBSCRIBERS PREFER TO USE THEIR OWN COMPUTERS TO SEARCH THE TAPES
PROVIDED BY DERWENT. PROGRAMS HAVE BEEN WRITTEN FOR IBM 360 MODEL 30,
40, OR HIGHER SERIES COMPUTERS WHICH HAVE A MINIMUM OF 32 K _MEMORY_ .
AS PERIPHERAL EQUIPMENT, THE PROGRAMS REQUIRE A CARD READER, AN ON-LINE
 PRINTER , A DECIMAL ARITHMETIC FEATURE, TWO TAPE DRIVES (9 CHANNEL),
AND TWO ADDITIONAL TAPE DRIVES OR ONE _DISK_ DRIVE. THE TYPES AND
NUMBERS OF QUESTIONS WHICH CAN BE ANSWERED ARE DISCUSSED. MOST OF THE
QUESTIONS DO NOT CONTAIN NEGATIVE SEARCH PARAMETERS. IN ADDITION TO
HAVING THE MONEY FOR THE SERVICE, A SUBSCRIBER NEEDS TO HAVE SUFFICIENT
TECHNICAL AND CLERICAL STAFF AND FACILITIES FOR _STORING_   THE
PRODUCTS HE WILL RECEIVE AS PART OF HIS SUBSCRIPTION. EACH REQUEST FROM
ORGANIZATIONS WISHING TO POOL COSTS FOR A SUBSCRIPTION TO THE
INFORMATION SERVICE WILL BE DISCUSSED ON ITS OWN MERIT.

 11/7/6   (Item 6 from file: 202)
DIALOG(R)File 202:Information Science Abs.
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00005290 6900290
     PROJECT INTREX.
Document Type: Report
Author (Affiliation): MASSACHUSETTS INSTITUTE OF TECHNOLOGY.
Publication Language(s): English
Source: SEMIANNUAL ACTIVITY REPORT, 15 MARCH 1967 TO 15 SEPTEMBER 1967.
     REPORT PR-4. 1967 SEPTEMBER 15. M.I.T., CAMBRIDGE, MASS. 49 P. 18
     ILLUS. SEE ISA 69-289/M, 291/N.
        THE FULL _TEXT_ (INCLUDING PICTORIAL INFORMATION) OF AT LEAST
10,000 JOURNAL ARTICLES, REPORTS AND THESES ON 1) HIGH-TEMPERATURE
METALLURGY, AND 2) RADIO FREQUENCY, MICROWAVE AND OPTICAL SPECTROSCOPY
OF LIQUIDS AND SOLIDS, WILL BE _STORED_ ON MICROFICHE; A CATALOG OF
THESE 10,000 ITEMS WILL BE _STORED_ ON DESK FILES OF THE MIT-MODIFIED
IBM 7094 MULTI-ACCESS COMPUTER. THESE TWO FILES WILL FORM THE DATA BASE
ENABLING PROJECT INTREX TO PERFORM "A PROGRAM OF EXPERIMENTS INTENDED
TO PROVIDE A FOUNDATION FOR THE DESIGN OF FUTURE INFORMATION TRANSFER
SYSTEMS." SPECIFICALLY, THE PROJECT CONCERNS ITSELF WITH TWO AREAS OF
DEVELOPMENT: THE COMPUTER- _STORED_ AUGMENTED CATALOG (INPUT,
 STORAGE AND _RETRIEVAL_ , THE _DISPLAY_ -CONSOLE SYSTEM) AND THE
 TEXT -ACCESS PROGRAM (MODULATION-TRANSFER-FUNCTION MEASUREMENTS,
EXPERIMENTAL MICROFILM SYSTEMS, INVESTIGATIONS OF _DISPLAYS_ , AND
DESIGN OF THE _TEXT_ -ACCESS SYSTEM). HARDWARE AND SOFTWARE PROBLEMS
OF _STORING_ A CATALOG OF 1,100,000 _DOCUMENTS_ ARE ALSO EXPLORED.
LISTS OF STAFF, AND LISTS OF PUBLICATIONS AND PAPERS GIVEN DURING THE
6-MONTH REPORTING PERIOD FOLLOW THE BODY OF EACH PROGRESS REPORT.
WORKFLOW EVALUATION OF CATALOG INPUT PROCEDURES LED TO 2 CHANGES: 1)
CATALOGING IS DONE FROM COPIES OF ORIGINAL _DOCUMENTS_ , THUS
ELIMINATING A HOLD-UP OF THE ORIGINALS, AND ALLOWING MARKING OF THE
COPIES; 2) LOCAL GENERATION OF CITATION DATA WAS SUSPENDED IN FAVOR OF
OBTAINING CITATIONS FROM OUTSIDE SOURCES (E.G., INSTITUTE FOR
SCIENTIFIC INFORMATION). EXAMPLES ARE GIVEN OF HOW SPECIAL SYMBOLS ARE
REPRESENTED WHEN THEY ARE NOT INCLUDED ON A KEYBOARD. A TOTAL OF 1500
 DOCUMENTS HAVE BEEN CATALOGED. THE _DISK_ FILES ARE COMPOSED OF:
A) FULL CATALOG RECORDS; THESE ARE LOCATED BY A DIRECTORY, ALSO ON THE
 DISK , SINCE RECORD ARRANGEMENT IS "ARBITRARY"; B) INVERTED FILES
(IF), CONSISTING OF A LIST OF REFERENCES AND ATTRIBUTES (SUBJECT-TERM
WEIGHT, AUTHOR'S NAME, ARE LOCATED BY A DIRECTORY FOR A TITLE, SUBJECT
TERM, OR AUTHOR'S NAME, ARE LOCATED BY A DIRECTORY IN ACTIVE CORE
 MEMORY . SEVERAL HUNDRED CATALOG RECORDS ARE NOW ON MAGNETIC TAPE.
THE USER LANGUAGE AND WORKING PROGRAMS FOR FILE FORMATTING, SORTING, IF
GENERATION, SEARCH ON IF LIST AND ATTRIBUTES, AND A FIELD _RETRIEVER_

ARE DISCUSSED. WORK ON VOCABULARY CONTROL, SYSTEM AND FILE MAINTENANCE, EXTENSIONS OF USER LANGUAGE AIDS, MACHINE-AIDED THESAURUS GENERATION, AND AUTOMATIC INDEXING IS BRIEFLY DISCUSSED. FOR A COLLECTION OF 1,000,000   DOCUMENTS , THE IF'S ARE EXPECTED TO CONSUME 09 BITS OF STORAGE , THE AUGMENTED CATALOG, MORE THAN 2 X 1010 BITS, BASED ON AN ESTIMATE OF 500 ENGLISH WORDS/CATALOG ENTRY. MOVABLE READ-HEAD MECHANISMS, ONE IN MOTION WHILE THE OTHER IS READING, COMBINED WITH THE STORAGE OF ON-LINE IF'S INTO ORDERED BLOCKS SHORT ENOUGHT FOR A SPEEDY SERIAL SEARCH WITHIN EACH BLOCK, SHOULD PROVIDE A HIGH-PERFORMANCE MODERATELY-PRICED SYSTEM FOR IF SEARCHES. A MASS- STORAGE DEVICE EXISTS EXCEEDING WORK CAPACITY NEEDS FOR THE IF; OPTICAL AND MAGNETIC MEDIA ARE BEING STUDIED FOR CATALOG FILE STORAGE . DETAILS OF THE DISPLAY -CONSOLE SYSTEM (TRANSFER OF DATA FROM ONE CONSOLE TO THE AUGMENTED CATALOG SYSTEM, CRT PROGRAMMABLE FUNCTION SWITCHES AND CRT   OUTPUT , AND THE PROCESSOR IN THE BUFFER/CONTROLLER) ARE DESCRIBED AND ILLUSTRATED. DISPLAY SYSTEM SOFTWARE AND THE FUCTION OF EACH SUBROUTINE ARE DESCRIED. INVESTIGATIONS OF A SUITABLE CRT   DISPLAY , INTERMS OF DEFLECTION, THE CHARACTER GENERATOR, AND THE LIGHT PEN ARE DISCUSSED. EXPERIMENTS WITH A TECHNIQUE FOR TRANSMITTING COLOR IMAGES OVER THE FACSIMILE SYSTEM (USING NEGATIVES MADE BY PHOTOGRAPHING THE COLOR IMAGES ONTO 3 SEPARATE FRAMES OF MONOCHROME FILM THROUGH A RED, A GREEN, AND A BLUE FILTER) WERE SUCCESSFUL. COMPLETED MEASUREMENTS OF THE MODULATION TRANSFER FUNCTIONS (MTF'S) OF THE CRT 'S AND LENSES OF THE SCANNER AND RECEIVER, UNDER VARIOUS OPERATING CONDITIONS "WILL PROVIDE A BASIS FOR CORRELATING A QUANTITATIVE MEASURE OF SYTEM PERFORMANCE WITH A SUBJECTIVE EVALUATION OF THE QUALITY OF THE TRANSMITTED IMAGE OF TEXT ." IMAGE   STORAGE NEEDS (FRAME RATE) PROMPTED THE SEARCH FOR A SOFT (TRANSIENT) DISPLAY DEVICE IN WHICH THE STORED   IMAGE IS EASILY ERASABLE, VERSUS THE USE OF CONVENTIONAL GRAPHIC RECORDING MEDIA. A SET OF REQUIREMENTS FOR THE DEVICE ARE LISTED. AN 11-INCH CATHODE RAY STORAGE TUBE (TEKRONIX, INC.) TRANSMITTING AND STORING 1000 SCAN -LINES IN 4 SEC. IS DESCRIBED, AS IS THE POSSIBILITY OF USING A TRANSIENT DISPLAY TERMINAL IN WHICH IMAGES ARE CREATED BY ELECTROSTATIC MEANS ON A DIELECTRIC MATERIAL. HIGH-RESOLUTION, FLICK-FREE DISPLAYS ARE DIFFICULT THROUGH THE USE OF MAGNETIC DISK   STORAGE AND CRT   DISPLAY . SOLUTIONS ARE DISCUSSED.

11/7/7   (Item 1 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)
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0324976   93MM09-008
    Peripherals: computers as power tools
    Anderson, Glenn
    Media & Methods , September 1, 1993 , v30 n1 p38, 71, 2 Page(s)   ISSN: 0025-6897

    Describes various audiovisual and media technologies that can be linked to computers to create power tools for creativity and problem solving. Describes the different printers available for outputting and sharing work: laser printer, ink jet printer, plotter, and dot-matrix printer. Says storage devices allow for storage and retrieving of files and applications: CD-ROM,   portable and 'cartridge hard drive, and tape drives. Video accessories allow video to be on a computer: the video digitizer, the video NTSC converter, and the video TV. Audiovisual equipment enables still and full-motion images to be imported into the 'computer: still image video camera, LCD panel, and laserdisc and player. Says sound boards, external speakers, modems, fax/modems, and scanners are also important peripherals.

Includes one photo. (cr)

11/7/8   (Item 2 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)
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0211486   90PK02-017
   Filing system glues together diverse storage, LAN options First look
   Schuyler, Chet
   PC WEEK , February 5, 1990 , v7 n5 p23-24, 2 Pages   ISSN: 0740-1604
   Presents   a   favorable   review   of Alexsys EZ ($795; $1,295, $1,895, and
$2,495 for 5-user, 10-user and unlimited users model, respectively, of the
network version), an optical-image filing software package, from Courtland
Marketing Inc. of Columbia, MD (301). Says Alexsys EZ aids in the merging
of the functions of write once/read many (WORM) drives, optical scanners,
networks   and   laser   printers   in   order   to   build   a   large-capacity
document-filing system for storing DOS and image file data. It offers well
designed menus that aid in the organization of file cabinets and indexes.
Contains one screen display. (asl)
?

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File    9:Business & Industry(R) Jul 1994-1996/Sep 20
           (c) 1996 Resp. DB Svcs.
File   15:ABI/INFORM(R) 1971-1996/Sep W4
           (c) 1996 UMI
File   16:IAC PROMT(R) 1972-1996/Sep 20
           (c) 1996 Information Access Co.
File   88:IAC BUSINESS A.R.T.S. 1976-1996/Sep
           (c) 1996 Information Access Co.
File  148:IAC Trade & Industry Database 1976-1996/Sep 20
           (c) 1996 Info Access Co
File  275:IAC(SM) Computer Database(TM) 1983-1996/Sep 20
           (c) 1996 Info Access Co
File  621:IAC New Prod.Annou.(R) 1985-1996/Sep 20
           (c) 1996 Information Access Co
File  624:McGraw-Hill Publications 1985-1996/Sep 17
           (c) 1996 McGraw-Hill Co. Inc
File  636:IAC Newsletter DB(TM) 1987-1996/Sep 20
           (c) 1996 Information Access Co.
?ds
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Set	Items	Description
S1	2197893	DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2	89897	S1(2N)(MANAG? OR HANDL?)
S3	483248	SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR DIGITI?
S4	850607	DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5	2840720	STOR? OR MEMOR?
S6	269389	RETRIEV? OR REACCESS? OR RE()ACCESS?
S7	2613897	VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-DU?
S8	1599194	PRINT? OR OUTPUT? OR OUT()PUT?
S11	79	S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8
S12	58	RD S11 (unique items)
S13	10	S12/1995:1996
S17	48	S12 NOT S13

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?£
t17/3,k/all
>>>KWIC option is not available in file(s): 621

 17/3,K/1      (Item 1 from file: 15)
DIALOG(R)File   15:ABI/INFORM(R)
(c) 1996 UMI. All rts. reserv.

00785569                              94-34961
Picture this: Imaging is the new buzzword in records handling
Langemo, Mark
Office Systems  v10n10  PP: 18-23  Oct 1993
ISSN: 8750-3441  JRNL CODE: OFS
AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 14239.00
WORD COUNT: 2407
```

...ABSTRACT: organizations   are   to   be   successful   and   competitive.
State-of-the-art systems are needed to ****manage**** the ****documents****
, data, and other records media that make work accomplishment possible and
success a reality in...

... 5,000, one can acquire the imaging system software, a graphics board,

and a good ****scanner**** . More extensive and office-wide systems will typically include a network, file server, fax server, optical ****disks**** , and high-resolution ****screens****. With the one-person system, there are multifunction capabilities to ****scan**** paper documents, do multifield indexing for comprehensive ****retrieval****, ****store**** documents in magnetic ****storage****, ****retrieve**** documents as needed, ****retrieve**** documents and data from other applications and integrate them, ****print**** copies as needed, and develop a base from which to expand to multiperson, networked, and...

17/3,K/2   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00579597   91-53944
Storage and Retrieval of Documentation at the United Nations
Piguet, Patrice
Computer Networks & ISDN Systems v22n2 PP: 87-102 Sep 1991
ISSN: 0376-5075 JRNL CODE: CNI
AVAILABILITY: Photocopy available from ABI/INFORM 42155.00

...ABSTRACT: United Nations (UN) produces approximately one million original pages of documentation each year. A proposed ****document**** ****handling**** system is described that would save ****storage**** space and handling and shipping costs and markedly reduce document access time. The system would rely on optical ****disk**** ****storage**** , data transmission links, and personal computers. The system's SARDE SA (logiciel d'archivage) software enables the operator to drive the image ****scanning**** process, ****store**** the data temporarily on the host magnetic ****disk****, verify input quality on the ****screen****, and provide indexing data. During the system's pilot project, some 200,000 pages of conference documents in the 6 official languages of the UN were input and routinely ****retrieved**** in real time from various ****retrieval**** stations, either on ****screen**** or as ****printouts**** . The inspection authorities of the organization have recommended that a fully operational optical ****disk**** system be installed in the UN starting in 1990-1991.   ...

17/3,K/3   (Item 3 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00479776   90-05533
Image Management Systems
Bright, Julian
Telecommunications (International Edition) v23n12 PP: 59-60 Dec 1989
JRNL CODE: TIE
AVAILABILITY: Photocopy available from ABI/INFORM 12932.00

ABSTRACT: A growing number of companies are realizing the benefits of ****image**** processing and ****management**** to replace outdated ****document**** ****handling**** and filing practices. ****Image**** ****management**** involves the capture, enhancement, ****storage****, ****retrieval**** , and manipulation of image in all its forms, whether on paper or film. Regardless of the vendor, an ****image**** ****management**** system is usually supplied as a toolkit, which can be adapted by a systems integrator or software house to suit the customer's requirements. Once an image is ****scanned****, it can be

****displayed****, manipulated, ****printed**** , pasted, or merged into another document or dispatched by electronic mail to a remote location. The systems for ****storage**** can be either magnetic or optical ****disk****. Optical drives can be of the standalone type or incorporated into an optical library or...

 17/3,K/4   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)
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00431082   89-02869
Imaging Systems: Picture Perfect
Hylas, Robert E.; Keating, Wick; Gordon, Bruce
Best's Review (Life/Health) v89n7 PP: 60-65 Nov 1988
ISSN: 0005-9706 JRNL CODE: BIH
AVAILABILITY: Photocopy available from ABI/INFORM 1762.00
   Article Ref. No.: B-BIH-21-12

ABSTRACT: Effective applications of image processing technology, which is a way to ****store**** electronic images of paper-based documents for subsequent ****retrieval**** and usage on ****video**** ****display**** terminals, have reduced manual ****handling**** of ****documents**** and files for a number of organizations, such as American Express and the US Automobile...

... full, large-scale installation. Typical integrated imaging systems have several major components, including an optical ****disk**** , an autochanger, ****scanners**** , workstations, a system network, software, and ****printers****. A critical element in the overall success of imaging systems is imaging system integrators who...

 17/3,K/5   (Item 5 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)
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00386341   88-03174
Optical Disks in the Office
Canning, Bonnie
IMC Journal v23n5 PP: 9-10 Sep/Oct 1987
ISSN: 0019-0012 JRNL CODE: IMC
AVAILABILITY: Photocopy available from ABI/INFORM 5905.00

ABSTRACT: Optical ****disks****, in the form of write once, read many (****WORM****) systems, are designed to ****handle**** internal ****documentation****. A basic ****WORM**** optical ****disk**** system includes a ****scanner**** to convert pages to ****digitized**** images, a central processing unit (CPU), a high-resolution monitor, a laser ****printer****, indexing and ****retrieving**** software, and ****disks**** and drive. ****WORM**** systems ****store**** both digital data, created by word processing, spreadsheet, or graphics systems, and digital images, input by a ****scanner****. Capacity per ****disk**** is 400,000 digitally produced pages or 60,000 ****scanned**** pages. Data are ****retrieved**** and ****displayed**** quickly, and communication and network options make sharing of data possible. Once entered, data cannot be altered or deleted, ensuring data integrity. Optical ****disks****' protective coatings and cases provide immunity from hazards. Some limitations of ****WORM**** systems include: 1. expense, 2. design volatility, 3. lack of standardization, 4. untested archival capabilities,

5. variations in indexing and ****retrieval**** software, and 6. inability
to change incorrect data.

 17/3,K/6   (Item 1 from file: 16)
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05049253
Oracle Launches Video-on-Demand Server for Bell Atlantic Test Bed
   New Oracle Media Server stores, retrieves, and manages audio, video,
      text, images & tables

Telecommunications (North American Edition)   April 1994   p. 16
ISSN: 0040-2494

        ... for Bell Atlantic's spring-1994 home trials conducted in Virginia
and Maryland. The server ****stores****, retrieves and ****manages****
 audio, ****video****, ****text**** , images, and tables. Technology is
based on Oracle 7 software and the Oracle Media server serves up
prerecorded   TV   programs,   movies,   or ****digitized**** ****print****
selections. Oracle is also offeirng Oracle Media Objects, its authoring
tool, to applications developers, which allows them to create multi-media
interactive services and ****CD****-ROMs.   ...

 17/3,K/7   (Item 2 from file: 16)
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04071070
FileNet Corporation - Company Report

Investext   August 25, 1992   p. 1-8

        ... specialized hardware subsystems in a distributed computing
environment. Each system incorporates one or more optical ****disk****
****storage**** and ****retrieval**** (OSAR) libraries. Founded in 1982,
 FileNet has been a pioneer in the development of this technology. When a
customer uses a FileNet system, documents are entered through digital
****scanners****. They are then indexed and ****stored**** in an
****image**** ****management**** system (IMS) where they can subsequently
be ****retrieved****, ****viewed****, and processed at workstations. System
****output**** can be accomplished by laser ****printers****, facsimile, or
direct updates to computer files. The key element to the system is the...

 17/3,K/8   (Item 3 from file: 16)
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03752332
NEW XIONICS CARD ACCELERATES IMAGING MOVE TO THE MASS MARKET

News Release   January 27, 1992   p. 1

        ... Lightning/Plus provides users, developers and resellers of imaging
systems a total solution for fast ****scanner****/****printer**** control,
CCITT image compression/decompression, and enhanced image ****retrieval****
 and ****display**** on VGA, color and gray-scale monitors. Technical

innovations in peripheral control, ****memory**** management and high-quality ****display**** set a new standard of performance, while the end user $1,995 list price is...

... Plus offers on a single card a complete low-cost solution for document image capture, ****storage****, ****retrieval****, ****display**** and ****output**** . The card transforms a basic 286 or 386 with 640 kb RAM and a VGA...

... the distinct demands of the PC mass market. For example, Xionics condensed the on-board ****scan****/****print**** control logic to eliminate the need for a daughter card, while retaining capability for pipelined, concurrent and background processing. Next, Xionics implemented its new Virtual ****Image**** ****memory**** ****management**** technique to enable Lightning/Plus to operate without relying on dedicated on-board image ****memory**** and without using PC ****memory****. As an image is ****scanned**** or read from ****disk****, the card divides it into small strips. Each strip moves directly from one subsystem on...

...e.g., scaling) until the entire image is processed. The full image never resides in ****memory****.

17/3,K/9   (Item 4 from file: 16)
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03705300
FUZZY PIONEER EXCALIBUR IN ORACLE, INFORMIX DEALS

Computergram International   March 31, 1992   p. N/A
ISSN: 0268-716X
FULL TEXT AVAILABLE IN FORMAT 7 OR 9 WORD COUNT: 291

     ... directly into the database. The PixTex/EFS electronic filing system is an off-the-shelf ****document**** ****management**** control system that enables electronic text and images to be collected from ****disks****, ****scanners**** or facsimile machines and automatically filed and indexed in a graphical user interface of a physical file room. Excalibur's products use pattern recognition technology, which enables users to ****store****
   text and images in one way and ****retrieve**** them another, based on repeating patterns in the text, integrating image ****scanning****, ****storage****, fuzzy search, ****display****, ****printing****, and SQL relational database control.   ...

17/3,K/10   (Item 5 from file: 16)
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03533314
ELECTRONIC FILM LIBRARY PREVENTS FILM LOSS, CUTS COSTS

News Release   December 2, 1991   p. 1

     A million or more diagnostic images can be safely ****stored**** in an electronic film library using optical ****disk**** technology with the Kodak Ektascan Imagelink (TM) system. Images are quickly ****retrieved****
  for softcopy   ****viewing****   on high-resolution monitors or for ****printing**** by laser ****printers****. The system prevents lost films

and lost diagnostic information, as well as lost revenues due...

... by missing films. Warehousing, film duplicating, clerical, courier, and other costs associated with traditional film ****storage**** and distribution also can be reduced or eliminated. The result of a strategic alliance between Eastman Kodak Company and Vortech Data, Inc., the Imagelink system for diagnostic ****image**** and information ****management**** is being shown here at the annual meeting of the Radiological Society of North America at McCormick Place, today through December 6. Images ****retrieved**** from an Imagelink archive system are distributed via a local area network such as Ethernet. They can be ****displayed**** on a high-resolution Vortech Personal ****Display**** System, on a 3-D workstation, or ****printed**** with full fidelity on film using a Kodak Ektascan laser ****printer****. These images can be transmitted simultaneously to multiple locations--any number of times--with no degradation in quality. And every image remains secure and continuously accessible on optical ****disk****. Imagelink systems are available for two ****storage**** and ****retrieval**** applications: Electronic ****Image**** ****Manager**** and Electronic Page ****Manager****. The Electronic ****Image**** ****Manager**** ****stores**** ****images**** acquired by direct digital capture from modalities, film ****digitisers****, and computed radiography readers.
...

 17/3,K/11   (Item 6 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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03200211
MINOLTA ANNOUNCES MI3MS ENHANCEMENTS, RELEASES MI3MS MX FOR SALE

News Release   May 30, 1991   p. 1

    ...companion product, MI3MS MX, for sale. MI3MS 2000, a new addition to Minolta's digital ****document**** ****management**** product line is an optical ****disk**** subsystem that adds electronic imaging to existing information system environments without changing host software. It offers an affordable ****document**** ****management**** alternative by reducing the cost and time required to add imaging to existing data processing...

...IBM 5250 terminal emulation, as well as IBM 3270 emulation. A Write-Once Read-Many (****WORM****) optical ****disk**** -based system, MI3MS 2000 efficiently processes, ****stores****, distributes and ****retrieves**** digital images. New documents can be ****scanned**** and indexed into the imaging system at the same time they're being entered into the mainframe database, avoiding double data entry. And ****retrieval**** is as simple as calling up the mainframe database and selecting the document needed for ****viewing**** and/or ****printing****. The MI3MS MX Microform Conversion System, another member of the MI3MS family of digital ****document**** ****management**** systems, is being released for sale. MI3MS MX ****scans**** and ****digitizes**** images from microfilm or fiche. It was primarily designed for large scale film-to-digital...

 17/3,K/12   (Item 7 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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03065066

RECORDS MANAGEMENT MEANS GOOD BUSINESS
   Good records mgmt results in controlled way to produce, store & obtain
      documents

Office Systems   April, 1991   p. 44-49

      Gooc records management results in a controlled, systematic way to
produce, ****store**** and obtain documents. Bar-coded labels can help to
manage file folders, and computer-accessed databases can point out
record-activity trends. Electronic document or ****digitized****
****image**** ****management**** systems feature automated data entry,
****video**** ****displays**** , high capacity, and networking features.
Micrographics provides inexpensive simple ****retrieval**** combined with
space savings. Microfilm reader-****printer**** systems are being upgraded
with automatic bimode ability, zoom lenses, 1-sheet feeding and motorized
image rotation. Optical ****discs**** also help to save space, and are
becoming more popular. No matter what type of ****storage**** and
****retrieval**** system is used, indexing is critical.   ...

 17/3,K/13   (Item 8 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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02945729
IMTECH AND BELL & HOWELL SIGN AGREEMENT FOR "COINS"

News Release   December 11, 1990   p. 1

      ... signed an agreement which will allow Bell & Howell to private label
OMTECH's "COINS" (Computer ****Output**** INformation System) PC-based
optical data ****storage**** software. COINS allows computer ****output****
 to be ****stored****, ****retrieved****, and ****viewed**** or
****printed****, eliminating the need for caper copies, computer
****output**** microfilm or expensive magnetic ****storage****. Under the
terms of t e agreement, Bell & Howell will offer COINS in their product
line under the name "Image Search Plus-5000" computer ****output**** data
****storage**** solution. The product complements the Bell & Howell "Image
Search" microfilm and optical ****disk**** based ****document****
****management**** systems by allowing users to electronically access both
****scanned**** image and computer ****output**** documents.
 ...

 17/3,K/14   (Item 9 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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02915932
NEW EKTASCAN IMAGELINK SYSTEM SIMPLIFIES INAGING INFORMATION MANAGEMENT

News Release   November 25, 1990   p. 1

      An advanced, cost-effective system for diagnostic ****image**** and
information ****management**** was introduced here today by Eastman Kodak
Company and Vortech Data, Inc. With the new...

... computed tomography (CT), and other modalities. Images can be acquired
from film radlographs with laser ****scanning****. Within a hospital these
images can be sent electronically down the hall, across town or...

... Radiological Society of North America at McCormick Place, today through November 30. Images can be ****stored**** and ****retrieved**** with advanced optical-****disk**** archiving, and manipulated to suit ****viewing**** requirements and preferences. They can be ****displayed**** on personal computer systems with high-resolution ****screens**** for full image enhancement. And, they can be recorded with full fidelity on film using laser ****printing**** , and reproduced on paper with high-quality thermal ****printing****.

17/3,K/15   (Item 10 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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02235383
OPTIGRAPHICS ANNOUNCES IBM PLATFORMS FOR DOCUMENT AUTOMATION SYSTEMS

News Release   June 5, 1989   p. 1

     ... System/2 (PS/2) and RT Personal Computers (RT PC). The systems will be on ****display**** at the Association for Information and ****Image**** ****Management**** (AIIM) tradeshow in San Francisco where Optigraphics will exhibit in both the IBM booth and...

... and in Optigraphics booth at the AEC tradeshow in Anaheim, California. Optigraphics CURATOR (TM), the ****document**** ****management**** software which is the basis of all Optigraphics document automation systems, will now be offered...

... a relational database which provides sophisticated indexing, access control and related management functions for the ****storage**** and ****retrieval**** of technical documents ****images****. The system ****manages**** ****document**** ****images**** ****stored**** on optical and magnetic .****disks**** as if they were physical documents filed in a conventional manner. Image-rated PC workstations...
... PC-AT, and now on the IBM PS/2 personal computer, are Optigraphics completely integrated ****scanning****, drafting, ****viewing****, editing and ****print**** server workstations. The new OptiDRAFT Station, a technical drawing creation and revision tool, is also...

17/3,K/16   (Item 11 from file: 16)
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02107802
BASIS/Images Enhancement Handles Scanned Document Pages

News Release   December 14, 1988   p. 1

     Information Dimensions, Inc. has announced a significant enhancement to its BASIS/****Images**** ****image**** ****management**** software. BASIS/ ****Images**** Pages Image now offers the capability to ****scan****, ****digitize****, ****display**** and process document page images for use in conjunction with the BASIS ****text**** information ****management**** system. This new capability complements BASIS/Images Picture ****Image**** functions for ****managing**** photographs and ****graphic**** art images. With BASIS/Images, Information Dimensions is the first ****text**** information ****management**** system (TIMS) supplier to integrate

****image**** ****management**** with a full- function TIMS. Examples of BASIS/Images Page Image applications include technical reporting, regulation tracking, ****documentation**** ****management****, litigation databases, product maintenance manuals, and other activities requiring the capture of original materials. As...

... users conduct BASIS text searches, windows containing descriptions of referenced images appear on the monitor ****screen****. BASIS/Images then ****retrieves**** and ****displays**** images selected by the user, or the program can be set to ****display**** images automatically as they are encountered. A windowing capability allows both the original page image and the active BASIS search session to be ****viewed**** simultaneously. With BASIS/Images, users can quickly ****scan**** documents into the system. In addition to ****storing**** a bitmap image of the document, the system creates an ASCII version of text context for subsequent ****display**** editing and manipulation. ****Scanned**** images of ****printed**** document pages in black and white with line drawings and monochrome pictures are ****stored**** on ****CD****-ROM, ****WORM**** and Winchester drives attached to DOS PC workstations. Images are ****scanned**** at 100 to 300 dots per inch (dpi) using a desktop or production ****scanner****.

17/3,K/17   (Item 12 from file: 16)
DIALOG(R)File   16:IAC PROMT(R)
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01872317
WANG LAUNCHES ITS IMAGING SYSTEM AT W.I.T.S

News Release   November 30, 1987   p. 1

    A fully integrated capture, archival, indexing and ****retrieval**** system for all non-computerised information is today launched in the UK by Wang, at the Wang Integrated Technology Show. Images are captured using a digital ****scanner**** and transferred to the host Wang VS mini computer. These images are then written onto 12 inch Write Once Read Many (****WORM****) optical ****disks**** capable of ****storing**** 20,000 document images per side. The filing, search and ****retrieval**** of ****images**** is ****managed**** by the relational database management system of PACE. WIIS supports both image capable workstations and standard workstations. For image ****display**** the new 16 inch 42501MG workstation with 200 dpi resolution or the 12 inch image...

... flipping, reduction and enlargement. Standard VS workstations can query PACE and WIIS databases, copy and ****print**** images and perform administrative functions. Both thermal and laser imaging ****printers**** are supported.
    Full text available on PTS New Product Announcements.
...

17/3,K/18   (Item 13 from file: 16)
DIALOG(R)File   16:IAC PROMT(R)
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01863837
High Speed Scanning Comes to the Macintosh

News Release   December 28, 1987   p. 1

Micro Dynamics, Ltd. of Silver Spring, Maryland will be demonstrating a high speed document ****scanner**** which has recently been incorporated into their Macintosh-based ****document**** ****management**** system, Micro Dynamics MARS (Multi-user Archival and ****Retrieval**** System) at the MacWorld show here January 15-17. The flatbed ****scanner**** ****digitizes**** a letter-size page at 200 dpi in about three seconds. It ****scans**** up to B- size engineering drawings (11"x17") and has an optional automatic document feeder...

... and 64 steps of gray scale will be available. Micro Dynamics MARS provides permanent, compact ****storage**** and on-line access to vast quantities of documents. In addition to the new high speed ****scanner**** , the system incorporates other state-of-the-art technologies including write-once optical ****disk**** drives, local area networks (including EtherTalk), and laser ****printers****. It ****stores**** both ****scanned**** paper documents and computer-generated documents such as spreadsheets, words processing, engineering drawings, and 24-bit color graphics. Fast, accurate ****retrieval**** of ****stored**** documents is a central feature of the system. A proprietary database -- optimized for speed, and...

... on the network to quickly find a desired document, even among millions of others. The ****retrieved**** document can then be ****viewed****, ****printed****, revised, or distributed electronically.
    Full text available on PTS New Product Announcements.
...

 17/3,K/19   (Item 14 from file: 16)
DIALOG(R)File   16:IAC PROMT(R)
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01795714
Managing records has new meaning
  Article discusses how govt managing records with automated image
    management technology

Government Computer News   October 9, 1987   p. 37
ISSN: 0738-4300

    An overview is presented of how the federal government is using automated ****image**** ****management**** techniques to ****handle**** government records. ****Image**** processing, at its most basic, involves the changeover of record handling and ****storage**** from manual paper format to electronic form. The concept of image processing also has shifted ...

... as Xerox, Panasonic, Eastman Kodak and duPont. In 1987, images are processed by photocopiers, laser ****printers****, ****scanners****, ****OCR**** devices, electronic plotters, micrographics systems, facsimile equipment, still cameras, ****video**** products and computer graphics systems. Key government agencies are exploring document intensive systems which include...
... 7 mil contract to Integrated Automation for the design of the IRS Files Archival Image ****Storage**** and ****Retrieval**** System and the Treasury Dept awarded a contract to Automated Data Mgmt for integration of microcomputers and ****CD**** -ROM-based peripherals. Document intensive systems are part of a larger government trend toward systems...

17/3,K/20   (Item 15 from file: 16)
DIALOG(R)File   16:IAC PROMT(R)

01728669
Optical disks reduce information-management problems
  Minnesota Mining & Mfg: Has introduced its DocuLink optical recording sys
    for CAD applications

Machine Design   June 25, 1987   p. 18
ISSN: 0024-9114

    3M has introduced its DocuLink optical recording systems, which is a
family of optical-****disc**** based systems to be used for ****storage****
, control, and distribution of technical drawings and engineering
documentation. The DocuLink systems provide a way to transfer data from
aperture cards, paper documents, and CAD to optical ****discs****. DocuLink
comprises 4 major subsystems: The document-entry subsystem, where
****scanners**** ****digitize**** data for transfer to optical ****disc****
; the ****image****-****management**** subsystem for recording and
organizing data; the ****retrieval**** and ****display**** subsystem; and
the ****printer**** subsystem.   ...

17/3,K/21   (Item 16 from file: 16)
DIALOG(R)File   16:IAC PROMT(R)

01709958
LOW-COST OPTICAL DISK FILING SYSTEM UNVEILED BY EASTMAN KODAK COMPANY.

NEWS RELEASE   April 28, 1987   p. 12

    Eastman Kodak Company today introduced the Kodak ****Image****
****Handler**** system. Using a personal computer, a compact 5 1/4-inch
optical ****disk**** format, a desktop ****scanner**** and a laser
****printer**** , the product offers a complete information management
system for less than $50,000. The document filing system integrates
document capture, indexing, optical ****disk**** ****storage**** ,
computer-assisted ****retrieval**** and high-resolution ****CRT****
****display****, as well as laser ****printing**** in a stand-alone,
single-user workstation. Data ****storage**** and ****retrieval**** on the
stand-alone KIMS system 3000 is provided through one or two
manually-inserted 12-inch optical ****disk**** drives, giving users on-line
access to as many as 60,000 document images at any one time. The Kodak
****Image**** ****Handler**** system is intended for lower-volume business
and government applications with a typical user capturing...

... documents per day on average. Many applications are "sized" efficiently
for the capacity of the ****Image**** ****Handler**** system, Lacy said. He
cited signature verification in banks and accounting records in medium-size
busineases as key applications. The ****Image**** ****Handler**** system
will initially offer 240 me8abytes of information per ****disk****. Higher
density optical ****disks**** , up to 800 megabytes, are expected to be
available before year-end. The system uses an IBM Personal Computer
equipped with ****disk**** drives and special image processin8 and
peripheral interface boards. The latest Kodak document indexing and
****retrieval**** software manages the information ****stored**** on the
system. A 15-inch monitor provides 300 dots-per-inch horizontal by 150
dots- perinch vertical resolution. Using a "portrait" aspect ratio (the

****display**** ****screen**** is taller than it is wide), this monitor
provides windowing, zoom and rotation capabilities, plus the ability to
****display**** standard 80 character by 25-line text. The 5 1/4-inch
optical ****disk**** is capable of ****storing**** thousands of images per
side, dependin8 on the document size, document content and ****scanning****
resolution. The optical drive can be mounted internally in the personal
computer or externally.   ...

 17/3,K/22   (Item 17 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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01641275
KODAK JUMPS INTO WORMS.

VIDEOPRINT   May 22, 1987   p. 7,8

    Kodak has unveiled a full turnkey information system based on the
5.25'' optical ****disk**** format. The ****Image**** ****Handler****
 includes a desktop ****scanner****, a laser ****printer**** and a document
filing system integrating document capture, indexing, optical ****disk****
 ****storage****, computer-assisted ****retrieval**** and high resolution
****CRT**** ****display**** . It will at first offer 240 Mbytes of
information/****disk****, although density ****disks**** up to 800 Mbytes
are expected to be offered by end-1987. The monitor, allowing...

... dots/in vertical resolution, can provide windowing, zoom and rotation.
The Write Once Read Many (****WORM****) market exists for the ****Image****
 ****Handler**** that is based on an IBM PC with ****disk**** drives and
image processing and peripheral interface boards. ****WORM**** systems have
a niche market to fill wherever business must ****store**** large amounts
of data permanently, the ****Image**** ****Handler**** going beyond
straight data to provide image ****storage****.

 17/3,K/23   (Item 18 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)
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01492981
FILENET BREAKS INTO THE BLACK.

ORANGE COUNTY BUSINESS JOURNAL (CA)   October 10, 1986   p. 6,71

    FileNet's (Costa Mesa, California) basic document imaging system can
****store**** 2.5mil pages of images,equivalent to the contents of 220
five-drawer file cabinets...

... line to capitalize on the growing trend towards a paperless office. Its
system produces a ****digitized**** picture of ordinary paper, which can be
****displayed**** on a high-resolution terminal. Buyers for this type of
system are Fortune 500 companies...

... into the development of the base image processor, which consists of an
entry station to ****digitize**** the ****document****, an ****image****
****management**** system for ****storage**** and indexing, a
****storage**** and ****retrieval**** library to hold optical ****disks****
, and ****output**** devices such as laser writers. The system's minimum
cost is $328,000. Major FileNet...

17/3,K/24   (Item 1 from file: 88)
DIALOG(R)File 88:IAC BUSINESS A.R.T.S.

02261971   SUPPLIER NUMBER: 07747623   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging. (electronic imaging systems)
Weber, Samuel
Electronics, v62, n7, p60(5)
July, 1989
CODEN: ELECA   ISSN: 0883-4989   LANGUAGE: English   RECORD TYPE:
   Fulltext; Abstract
WORD COUNT: 2225   LINE COUNT: 00213

...   the Series 3000. The 3100 system has centralized image-management
servers cabled to a document ****scanner****, ****printer****, and image
terminal. Users can also attach multiple optical-****disk**** units, each
containing one or two optical-****disk**** drives, or optical
****storage**** and ****retrieval**** (OSAR) libraries containing up to 288
optical ****disks****. The 3100 accommodates up to four cluster work
stations, each with up to four image ****displays**** for a total of 16
users.
      At the high end, the 3500 system is designed...

17/3,K/25   (Item 2 from file: 88)
DIALOG(R)File 88:IAC BUSINESS A.R.T.S.

02083986   SUPPLIER NUMBER: 06817180   (USE FORMAT 7 OR 9 FOR FULL TEXT)
.Desktop computing and networks for tomorrow. (includes related articles)
   (Special Advertising Supplement)
Weiszmann, Carol
.Forbes, v142, n12, pAA1(7)
Nov 28, 1988
CODEN: FORBA   ISSN: 0015-6914   LANGUAGE: English   RECORD TYPE:
   Fulltext
WORD COUNT: 3264   LINE COUNT: 00333

...   optical disks with erasable memory--like Tandy's Thor-CD--become
cost-effective.
      Digital document ****storage**** and retrieval (DDSR) systems are a
high-end optical ****disk****-based ($30,000 to $2 million) alternative to
the paper glut. DDSR systems consist of input ****scanners****, cameras,
image controllers, optical ****disk**** ****storage****, ****printers****
and a host computer. They can ****manage**** thousands of ****documents****
with millions of pages, handling input, ****viewing****, manipulating,
****storing****, ****retrieving****, ****printing**** and communications.
      Toshiba's Tosfile 3200 has a 3.6-gigabyte memory capacity and can...

17/3,K/26   (Item 1 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

07305318   SUPPLIER NUMBER: 16124814   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging for PC/Windows now: for business, sciences & the arts. (Cover
   Story)
Buxbaum, Dan

Advanced Imaging, v9, n6, p20(10)
June, 1994
DOCUMENT TYPE: Cover Story   ISSN: 1042-0711   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 9442   LINE COUNT: 00767

...   is an open-architecture image and data management software package
taking full advantage of optical ****disk**** technology under Windows. The
software allows users to take documents and ****scan****, ****store****,
****retrieve****, ****view****, ****print****, fax or route them through
its integrated workflow module. The latest release of FYI features...

 17/3,K/27   (Item 2 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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06436850   SUPPLIER NUMBER: 13765539   (USE FORMAT 7 OR 9 FOR FULL TEXT)
LaserData branches out with image-management software. (GroupFile for
  Windows) (Product Announcement)
Higgins, Steve
PC Week, v10, n16, p60(1)
April 26, 1993
DOCUMENT TYPE: Product Announcement   ISSN: 0740-1604   LANGUAGE:
  ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 364   LINE COUNT: 00029

...ABSTRACT: networks will be the company's first venture into software
publishing. Groupfile, used with a ****scanner**** and optical ****disk****
drive, allows a workgroup to place its paper documents on an imaging server
and ****view**** them on-****screen****. Electronically ****stored****
documents can be ****retrieved****, altered, ****printed****, duplicated,
annotated and forwarded. Hot links let users bond groups of documents
together electronically. A...

 17/3,K/28   (Item 3 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
(c) 1996 Info Access Co. All rts. reserv.

06167074 .   SUPPLIER NUMBER: 12755674   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The promise of electronic document management. (electronic document
  management systems)(includes related articles on planning tips for EDMS
  installation and use of digital photos in document imaging systems)
  (Cover Story)
Frappaolo, Carl
Modern Office Technology, v37, n10, p58(5)
Oct, 1992
DOCUMENT TYPE: Cover Story   ISSN: 0746-3839   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2077   LINE COUNT: 00172

...ABSTRACT: with the aim of improving an organization's information
resources and optimizing business functions. EDMS ****storage**** primarily
involves optical media, such as WORMs, ****CD****-ROMs, and erasable
optical ****disk****, although magnetic media are still used. EDMS hardware
often consists of a high-capacity ****storage**** system, a 200-400 dpi
****scanner****, a laser ****printer****, a 640-by-480 pixel graphic
****display**** terminal, and ****retrieval**** software. The systems
generally fall into one of three types of architecture. There are

standalone...
...systems and client/server systems. EDMS can manage all types of
documents, which are usually ****scanned**** into the system. EDMS prevent
misfiling and permit network access and simultaneous ****viewing****.
Concept-based text ****retrieval**** and multimedia systems are two
advances in information ****retrieval**** possible with EDMS.

   17/3,K/29   (Item 4 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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05904617   SUPPLIER NUMBER: 12369971   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Apple protege SoftCore of Brussels hits UK to push Mac-based document
   system.(A SoftCore NV enters UK market)
Computergram International, CGI06110007
June 11, 1992
ISSN: 0268-716X   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 830   LINE COUNT: 00069

...   ArchIS Documentation. The company says ArchIS File has enabled it
to bring the cost of ****document**** ****management**** systems down to
#10,000, from around #50,000. The former price will now buy a standalone
Macintosh-based system, including ****scanner****, optical ****disk**** and
all necessary software. SoftCore managing director Gerrit Bus claims that,
although there are plenty of peripherals on the market - such as
****scanners**** and jukeboxes, there is a relative scarcity of
applications software available; SoftCore hopes to change all that. ArchIS
File enables users to import, ****store****, ****retrieve**** and
****output**** a variety of types of document, ranging from straight text
to X-ray photographs and ****digitised**** ****video****, directly onto the
desktop. Ms Bus highlights its facility for enabling users to organise and
...

   17/3,K/30   (Item 5 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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04873903   SUPPLIER NUMBER: 09635739   (USE FORMAT 7 OR 9 FOR FULL TEXT)
And Kodak, Vortech offer X-ray transmission system. (Eastman Kodak Co,
   Vortech Data Inc)
Computergram International, n1566, pCGI113000003
Nov 30, 1990
ISSN: 0268-716X   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 175   LINE COUNT: 00016

TEXT:
      system for diagnostic ****image**** and information ****management****
. The Kodak Ektascan Imagelink system is designed to capture images from
computed tomography, magnetic resonance...

...and other modalities within a hospital, and send them electronically
across the US. Images are ****stored**** and ****retrieved**** with
optical-****disk**** archiving, and can be manipulated to suit
****viewing**** requirements and preferences. They can be ****displayed****
on personal computer ****screens****, high-resolution ****screens**** or
distributed to three-dimensional workstations. They can be recorded with
full fidelity on film using laser ****printing****, and reproduced on paper
with high-quality thermal ****printing**** - doctors ****digitise****

images directly into the computers without definition loss, trasmitting them to other doctors who can ****print**** out copies and collaborate on interpretation, saving additional patient visits. The modular system is from...

17/3,K/31   (Item 6 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03904281   SUPPLIER NUMBER: 07303180   (USE FORMAT 7 OR 9 FOR FULL TEXT)
IBM announcements: IBM goes to Image Business Systems to fit out RT,
  multiple PS-2s for image processing.
Computergram International, n1187, CGI05300008
May 30, 1989
ISSN: 0268-716X   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 954   LINE COUNT: 00085

TEXT:
      ...Corp, New York. ImageSystem is described by its developer as a
local area network-based ****document****-****handling**** imaging
application that runs on the RT under AIX Unix.It enables the RT to...

...as claims processing, invoicing and accounts receivable reconciliations
- transaction-oriented business applications where imaging and ****OCR****
can help overcome paper bottlenecks, and Image Business Systems reckons
that implementations typically begin as...

...but generally bring customer service and other intangible benefits as
well.ImageSystem comprises CentralStation, TaskStation, ****ScanStation****
, OCRStation and DeviceStation software, and is designed to provide a
customisable software architecture for creating integrated image-oriented
business applications.The components support image capture, ****optical****
****character**** ****recognition****, file folder and work queue
management, as well as text, data, and image manipulation.The
CentralStation element provides the file management, magnetic and optical
****disk**** support, optional jukebox management, tape back-up,
workstation queuing, and optional mainframe interface support.It...

...RT, plus the Sybase relational database manager.TaskStation is a set of
customisable routines for ****image**** ****management****, making use of
multi-tasking on the personal computer.It provides the user interface to...

...user the ability to perform applications-specific functions that involve
folder inquiry and browsing, image ****viewing**** and manipulation, data
entry and mainframe communications.Folders can be indexed, classified,
reviewed and manipulated.A personal computer can accept work from
CentralStation, request images from folders ****stored**** on
CentralStation, or direct ****output**** to a peripheral device - and the
code can also be integrated with existing mainframe applications...

...four modes of operation - inquiry, indexing, data entry and
repair.Inquiry mode is used to ****retrieve**** and ****display****
****stored**** images, and has the capability to zoom and rotate images,
and to append information to...

...indexing, data entry and repair modes, TaskStation receives documents
that were not automatically indexed by ****ScanStation**** or OCRStation,
so that the operator can complete the indexing or data entry operations
manually.Low speed document ****scanning**** and image ****printing**** are

also supported on TaskStation.It comes as source code for the basic
TaskStation functions...

...peripherals required for image configurations need an AT-bus machine.It
requires at least 3Mb ****memory****, and a high resolution monitor is
recommended; VGA is also supported, and may be adequate...

...of TaskStation are supported on 80286-based processors, but without the
windowing and multitasking capabilities. ****ScanStation**** provides the
software for unattended capturing of images for ImageSystem, and supports a
variety of high speed ****scanners****, compressing the resulting images;
an optional barcode recognition feature locates and interprets any barcodes
and...

...automatically. All images not automatically indexed are passed to
CentralStation for indexing at another station. ****ScanStation****
supports the optional ****OCR**** function by providing a facility to mark
documents under program control for subsequent routing to OCRStation.
OCRStation is an optional component that creates an ****optical****
****character**** ****recognition**** server in ImageSysem applications.It
includes the capability to define fields on forms, which enables the use of
****optical**** ****character**** ****recognition**** in data entry.It
enables users to translate information from typewritten or computer
****printed**** forms into machine-readable text which can then be
****managed**** by ****ImageSystem**** for indexing purposes, and
integrated with mainframe applications.Form-specific, intelligent
post-processing allows for...

...data on the form.And DeviceStation provides support for peripheral
functions, such as batch image ****printing****, and for facsimile input
from phone lines.Facsimile ****output**** can be sent over phone lines to
devices capable of receiving it.An 80286-based AT-alike running MS-DOS 3.3
is good enough for the ****ScanStation****, OCRStation and DeviceStation;
CCITT Group III or IV or IBM MMR compression are supported on
****ScanStation****. CentralStation is a one-time $25,000; Jukebox Support
is $10,000; Mainframe Communication Support $5,000; TaskStation is $1,500;
****ScanStation**** $12,500; Barcode Recognition Software $11,000;
OCRStation, $12,500; DeviceStation, $1,500; and DeliveryStation...

 17/3,K/32   (Item 7 from file: 148)
·DIALOG(R)File 148:IAC Trade & Industry Database
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03900038   SUPPLIER NUMBER: 06967948   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Second Annual Directory of Human Resources Services, Products and
   Suppliers, January 1989. (directory)
Personnel, v66, n1, pD1(167)
Jan, 1989
DOCUMENT TYPE: directory   ISSN: 0031-5702   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 155534   LINE COUNT: 14711

 ...   Ball, Manager, Client
      Services
      No. of Employees: 38+
      BNA PLUS is the custom research and
      ****document**** ****retrieval**** service of The Bureau
 ⸠   of National Affairs, Inc. BNA PLUS
      researchers draw on the editorial...829-1954

Contact: Audrey Roholt, Vice-President
Minneapolis The Alexander Consulting Group, Inc., 4000 Olson
****Memorial**** Highway, P.O. Box 1360, Minneapolis, MN
55440; 612-520-3000 Coopers & Lybrand, 1000 TCF...

17/3,K/33   (Item 8 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03899905   SUPPLIER NUMBER: 07508457   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minolta introduces its first optical disc system. (MI3 MS 1000) (product
   announcement)
Information Today, v6, n3, p17(2)
March, 1989
DOCUMENT TYPE: product announcement   ISSN: 8755-6286   LANGUAGE:
   ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 644   LINE COUNT: 00053

...   employing either of two components: . DS-1000 Digital Document
Scanner, digitizes original paper documents for ****storage**** on optical
disc, hard disk, or ****viewing**** on the workstation ****display****. It
can feed and scan 20 hard copy originals per minute with 300 dots per...

...document feeder can handle page sizes up to 11" X 17". . MS-1000 Digital
Microform ****Scanner****, operates in the same manner as the document
****scanner****, but ****digitizes**** microfilm in the form of 16mm rolls
or cartridges, microfiche, jackets or aperture cards, instead of paper.
Images can be ****scanned**** and ****digitized**** for remote
****viewing**** and ****printing**** or for optical ****disc**** filing and
****retrieval**** at a later date.
      MI3MS 1000 employees an optical disc-based storage and retrieval
system...

17/3,K/34   (Item 9 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03881763   SUPPLIER NUMBER: 07100742   (USE FORMAT 7 OR 9 FOR FULL TEXT)
FOSE '89 a preview of who's there. (directory)
Government Computer News, v8, n4, p68(4)
Feb 20, 1989
DOCUMENT TYPE: directory   ISSN: 0738-4300   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1447   LINE COUNT: 00137

TEXT:
      ...Inc. Capital Computer Digest Capital PC Users Group Cartridge
Connection Cauzin Systems CBIS Cellular Phone ****Stores**** Charles W.
Williams Inc. Chronos Software C. Itoh Electronics Inc. Clancy-Paul/Valcom
Clinton Computer...

...Computers Danyl Corp. Data Access Corp. DataEase International Inc. Data
Inc. Data-Mate Inc. Data ****Retrieval**** Corp. Datatech Business Machines
DCA/10-Net Deerfield Systems Dell Computer Corp. Delrina Technology Inc...

...Fax Directories Corp. Digital Communications Associates Inc. Digital
Learning Systems Inc. Digital Research Inc. Digital ****Storate**** Systems
Inc. DIS Inc. DocuPro Inc. Donnelly & Associates Inc. DSI Micro Inc. Dyna

Rep Distributors...

...Gescan International Inc. GlareGone-DRM Inc. Globalink Language Services
Government Computer News Government Executive Government ****Printing****
Office Government Products News Government Technology Services Inc.
Grafpoint Inc. Graphic Enterprises of Ohio Inc...

...Kurzweil Computer Products Inc. Kyocera Unison Inc. Labelon Corp.
LaserData Inc. Laserdrive Ltd. Laser Magnetic ****Storage**** International
Co. Laticorp Inc. Lexitronix Inc. Linktek Linotype Co. Logical Operations
Lotus Development Corp. MacWeek Magee Enterprises Inc. ****Management****
****Graphics**** Inc. Mannesmann Tally Corp. Manpower Inc. Map Info Corp.
MathSoft Inc. MEA Leasing Inc. Medica...

...Inc. Micron Technology Inc. MicroPro International Corp. Microrim Inc.
Microsoft Corp. Microtek Labs Inc. Micro ****Video**** Learning Systems
Inc. Mini Micro Business Systems Minolta Corp. Mitsubishi Electronics
America Inc. Modern Office...

...Guide Omnicomp Graphics Corp. Omnifax/Teleautograph On-Line Software
International Inc. Optical Cable Corp. Optical ****Disk**** Institute
Optical Recording Corp. Optimen Oracle Corp. Osborne-McGraw-Hill
****Output**** Technology Corp. Panamax Panasonic Industrial Co.
Pansophic/Micrographix Pansophic Systems Inc. PC Consultants PC Craft...
Inc. Robert P. Gillottee Co. Rose Electronics Samna Corp. Santa Cruz
Operation Inc. Savin Corp. ****Scantron**** Corp. Schroff Development Corp.
Schwab Safe Co. Scriptomatic/Cheshire Inc. Scriptwriter Second City Systems
Seiko...

...Corp. Shaw/Walker Co. Skan Technologies Soft Switch Inc. Software Group
Software Publishing Corp. Software ****Stores**** International Sony Corp.
of America Spacesaver Systems Inc. Stacor Corp. Starkey Labs Staategic
Software Planning...

 17/3,K/35   (Item 10 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03712403   SUPPLIER NUMBER: 07040803   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging tools coming to Mac. (Macintosh)
Perrow, Jonathan
MacWEEK, v2, n41, p9(1)
Oct 11, 1988
ISSN: 0892-8118   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 559   LINE COUNT: 00044

...ABSTRACT: Apple Computer Inc's in-house image-processing system that
will allow Apple employees to ****print****, ****view****, ****store****
and transmit technical documentation in compressed raster format. Blueridge
Technologies' $1,500 Image Processing board...

...is developing an Image Processing board to be incorporated into Micro
Dynamics' Multiuser Archival and ****Retrieval**** System, which uses a
Fujitsu 3095 ****scanner**** to ****scan**** up to 11-by-17-inch documents,
3.2Gbyte Sony ****WORM**** drives and a Sony jukebox. The system can
archive, search and ****retrieve**** 200Gbytes of image or document data.
The system sells for between $50,000 and $500...

17/3,K/36   (Item 11 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03711075   SUPPLIER NUMBER: 06761254   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Optical storage products at the 1988 AIIM conference. (Association for
  Information and Image Management)
Saffady, William
Optical Information Systems, v8, n5, p233(9)
Sept-Oct, 1988
ISSN: 0886-5809   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 5694   LINE COUNT: 00491

...   company best known for its automated microfilm retrieval units,
demonstrated ImageView, a media-independent document ****storage**** and
retrieval system that can incorporate optical ****disks****, microfilm, and
magnetic ****storage**** components. The system's data management software
keeps track of document images ****stored**** on various media and
retrieves them in a manner that is transparent to the user. An entry-level
configuration features a 5.25-inch optical ****disk**** drive, a document
scanner, a microcomputer-based data base ****management**** server, a
****document**** ****display**** station, and a laser ****printer****. The
system architecture relies on AT-compatible hardware and can support
various networking and mainframe...
...WIP) software helps organizations manage departmental paper flow and
maintains a historical audit trail of ****documents****. A Drawing
****Management**** Software (DMS) package facilitates the ****retrieval****
and distribution of technical drawings in applications where a full
computer-aided design system is...

 17/3,K/37   (Item 12 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03273287   SUPPLIER NUMBER: 05052687   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Initial public offering of 1,750,000 shares of Filenet common stock at $16
 per share.
PR Newswire, NY37
July 21, 1987
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 314   LINE COUNT: 00027

...   designed to improve the productivity and customer service
capabilities of organizations that process, file and ****retrieve****
substantial volumes of paper documents. FileNet's systems combine extensive
software with specialized hardware subsystems in a distributed computing
environment. With a FileNet system, documents are entered through digital
****scanners****; indexed and ****stored**** in an ****image****
****management**** system that includes one or more OSAR optical
****disk**** ****storage**** and ****retrieval**** libraries;
****retrieved****, ****viewed**** and processed at multifunction, high
resolution workstations; and ****printed**** by laser ****printers****.
FileNet believes it was one of the first companies to develop and market an
optical ****disk****-based document image processing system. The company is
headquartered in Costa Mesa, Calif.
     /CONTACT: Marge...

 17/3,K/38   (Item 13 from file: 148)

02956088   SUPPLIER NUMBER: 04775782
Micrographic retrieval, optical disk square off.
Newman, Donald J.
Government Computer News, v5, n25, p46(1)
Dec 19, 1986
ISSN: 0738-4300   LANGUAGE: ENGLISH   RECORD TYPE: ABSTRACT

ABSTRACT: Both micrographic computer-assisted ****retrieval**** systems
and optical ****disk**** ****document**** ****management**** systems offer
the same basic functions: capture, ****storage****, ****retrieval****,
transmission, and duplication of document images. The two systems differ in
operation and in their...

...on microfilm and are suitable and cost effective for systems that
organize documents chronologically. Optical ****disk**** systems
****scan**** a document and convert the data to pixels, and offer the
advantage of real time access. Optical ****disk**** systems provide faster
****retrieval**** than micrographics systems on the surface, but there are
trade-offs involved. For example, ****printing**** from an optical
****disk**** requires a costly high-resolution ****display**** and a laser
****printer****.

 17/3,K/39   (Item 1 from file: 275)

01605715   SUPPLIER NUMBER: 13987143   (USE FORMAT 7 OR 9 FOR FULL TEXT)
How document imaging saves paper, time, and money. (includes related
   articles on Excalibur Technologies Corp.'s PixTex/EFS imaging software's
   pattern-recognition indexing technology and Lockheed Advanced Development
   Corp.'s implementation of it) (DN&R Strategies)
Simpson, David
Digital News & Review, v10, n11, p67(4)
June 7, 1993
ISSN: 1065-7452   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3570   LINE COUNT: 00293

...   imaging and workflow applications. A complete image management
system has to address image capture, import, ****storage****,
****display****, ****printing****, and distribution. Once an MIS department
gets these technologies in place, they're bound to crave adding voice,
****video****, and other advanced technologies. It's not surprising, then,
that most users bring in consultants...

 17/3,K/40   (Item 2 from file: 275)

01531634   SUPPLIER NUMBER: 12515242   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wire services, picture desks, image manipulation and archiving, etc. (ANPA
   '92: midrange systems, color, output, digital graphics, libraries)
Solimeno, William J.; Tribute, Andrew; Karsh, Arlene E.; Edwards, Stephen
E.; Joner, Urban
Seybold Report on Publishing Systems, v21, n20, p30(9)
July 15, 1992

...   images.
    The prototype system was demonstrated with AXS's ImageAccess image
database management software. Thumbnail ****views**** of ****scanned****
images were ****stored**** on a hard ****disk**** for fast access during
search and browse operations. Multiple higher-resolution versions of the
image could be ****retrieved**** to the Mac ****display**** from the
****CDs**** in the jukebox for manipulation, editing and transfer to page
layout software or ****printing**** devices.
    The purpose of the technology demo, according to Kodak, was to judge
the market...

 17/3,K/41   (Item 3 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)
(c) 1996 Info Access Co. All rts. reserv.

TEXT:
    ...and End User Computing (QED Information Sciences), Feb 22
CALCULATION. See RECALCULATION CARDS. See BOARDS ****CD****-ROM
applications, May 16 CELL REFERENCE absolute, using ABS key, o,s: Apr 98
circular...

...used, Jan 13, Mar 14 Wang PC, extraneous characters on, o: Jan 106 Wang
PC, ****printing**** ****screen**** dumps, Mar 108 Wang PC, ****screen****
freeze, o: Jan 110 Wang Professional, creating a tilde, o: Jun 96 Wang
Professional, loading...

...s: Mar 96 records, extracting, s: Feb 39 records, numbering, o,s: Feb 94
records, ****printing**** remaining, s: Mar 107 redefining (Macro), o: Jan
30 relational, creating, o: Jan 46 relational...
...3 Rel. 1A, May 31 DATA PROCESSING salary survey, Apr 26 DATA SECURITY
protecting floppy ****disks****, Jan 110, Jun 96 software (see SOFTWARE,
data security) see also WORKSHEET PROTECTION DATA TRANSFER...

...o,s: May 90 converting date labels to values, o,s: Feb 90 @DATE, to
****display**** future dates, o,s: Feb 101 date format, full standard, o,s:
May 92 dates...

...94 dates, entering recent (macro), o,s: Apr 92 dates, graphing, o: Mar
106 time, ****printing**** ocrrect, o,s: Apr 96 time stamps, generating
from elapsed times, o,s: May 97...

...changing levels, o,s: May 90 DOS files, accessing, o,s: Feb 94 managing
hard-****disk****, s: Apr 42 ****DISKS**** floppy, protecting, Jan 110, Jun
96 hard, uninstalling 1-2-3, o,s: Jan 103 see also ****CD****-ROM,
DIRECTORIES DOC WINDOW changing capitalization in, s: Jun 95 finding next
occurrence of a single character, s: Apr 44 ****printing**** (macro), s:
Jun 37 rejustifying after Erase, s: Apr 93 Symphony Spelling Checker, using
(macro...

Spreadsheet, Apr 94 decision support: Decision Analyst, May...
marketing/sales: listings, Jan 144 optimization: Delta-Manager, Jun 26
personal organization: about, Feb 14 ****printing****/report generation:
Duet, May 114 Inset, Apr 118 JetSet, Feb 116 laser-****printer****
utilities, Apr 17 LaserWare, Feb 116 Matrix Plotter, May 22 Sideways, May
114 project management...

...simulation: GamePlan, Mar 22 spelling checker: International
CorrectSpell, Feb 22 tax: Tax Preparer, Jan 24 ****text****
****management****: ****OCR**** 4mat, Apr 26 worksheet consolidation:
Flash-In, May 107 XYZ:Consolidate, May 107 SPREADSHEETS. See...
...Fall '87, Jan 16 TRAINING Arthur Young's Lotus Macros and Advanced
Functions Self-Teaching ****Video**** Course, Jun 70 listings, o,s,j: Jun
106 Lotus Courseware, Jan 7, Jun 106...

17/3,K/42   (Item 4 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)
(c) 1996 Info Access Co. All rts. reserv.

01229715   SUPPLIER NUMBER: 06928597
IZE 1.0a: text data base manager. (Software Review) (The Software Shelf)
   (evaluation)
Marshall, Patrick
PC World, v6, n9, p192(2)
Sept, 1988
DOCUMENT TYPE: evaluation   ISSN: 0737-8939   LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: IZE 1.0a from Persoft Corp is a ****text**** database
****manager**** that ****stores**** and ****retrieves**** free-form text
quickly. Users can create up to 32,000 records that hold 32Kbytes...

...software formats. Ize allows users to enter text and pick key words. Ize
keyword search ****displays**** a list of texts it finds in the order and
the frequency of keywords found. Keyword ****scanning**** can give a good
idea of which article users are after. Users can omit search...

...full-text search can take six seconds with a 12-MHz AT and 34ms hard
****disk**** drive. IZE also has a hot-link capability to give access to
other applications and link information to an Ize text base. IZe allows
****printing**** of ranges and records on a wide variety of
****printers****. List price is $445.

17/3,K/43   (Item 1 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)
(c) 1996 Information Access Co. All rts. reserv.

0283569
News Release
DATELINE: New York, NY   December 11, 1990   WORD COUNT: 326

IMTECH AND BELL & HOWELL SIGN AGREEMENT FOR "COINS"

17/3,K/44   (Item 2 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)
(c) 1996 Information Access Co. All rts. reserv.

0220835
News Release
DATELINE: YONKERS, NY   April 5, 1989   WORD COUNT: 635

CODENOLL TO SUPPLY FIBER OPTICS TO CONTEL FOR PENTAGON LOCAL AREA NETWORK

 17/3,K/45   (Item 3 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)
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107199
DATELINE: Los Gatos, California   November 14, 1984   WORD COUNT: 673

Talus   Corporation   introduced   the   Talus   Image   Management   System   at
  COMDEX/Fall '84

 17/3,K/46   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 1996 McGraw-Hill Co. Inc. All rts. reserv.

0381970
Document management
Engineering News-Record May 11, 1992; Pg 43;   Vol. 228, No. 19
Journal Code: ENR   ISSN: 0013-807X
Section Heading: Product Showcase
Word Count: 82   *Full text available in Formats 5, 7 and 9*

TEXT:
A ****document**** ****management**** system provides a records management
workstation   that   takes   advantage   of   recent   developments   in   optical
****disk****   technology.   Called   HyperCabinet,   it   can   ****store****   and
****retrieve****   facility   documents,   maps,   drawings,   photographs,
handwritten   notes   and   correspondence.   It is an IBM-PC/AT-based software
package   that   works with an image ****scanner**** to digitally capture the
document, uses optical ****disks**** to ****store**** it permanently, has a
high-resolution monitor for a sharp ****view**** of a full page, and uses a
laser ****printer**** for reproduction. ROY F. WESTON INC.

 17/3,K/47   (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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0364766
When You Wish Upon DSTAR
Unix World November, 1991; Pg 158; Vol. VIII, No. 11
Journal Code: UNIX   ISSN: 0739-5922
Section Heading: New Products: STORAGE
Word Count: 139   *Full text available in Formats 5, 7 and 9*

TEXT:
Jodian   Systems   &   Software's   DSTAR   (document   ****storage****   and
****retrieval****) system is designed as a ****document**** ****manager****
  to   be   used   across   networks.   Users   can   ****scan****,   archive,
****retrieve****,   and   ****print**** documents ****stored**** as compressed
images   on   optical   ****disks****. The DSTAR system uses a Motif interface
and   organizes   documents   in   cabinets,   drawers,   and   folders   for   easy
categorization,   and   users can ****retrieve**** documents via SQL queries.

Clients can be organized on the network by the system administrator
according to ****view****, ****view****/edit, ****scan****, archive, or
****print**** permissions.

The software also supports security features for confidential documents.
Enhancements under development include support...

17/3,K/48   (Item 1 from file: 636)
DIALOG(R)File 636:IAC Newsletter DB(TM)
(c) 1996 Information Access Co. All rts. reserv.

01631386
OPTIKA
Item Processing Report   October 01, 1992   V. 3   NO. 19
ISSN: 1048-5120   WORD COUNT: 171
PUBLISHER: Phillips Business Information, Inc.

... has announced its signature verification software to the banking and
financial industries. The SigFiler Signature ****Image****
****Management**** System is designed to capture, ****store****,
****retrieve****, ****print****, verify and ****manage**** signature
****images**** , as well as index and link signatures to key information.
The software runs under Windows and SQL and can ****store****. signature
images on high-density optical ****disk**** platters. Once a signature card
is passed through the document ****scanner****, SigFiler cuts a zone that
contains the customer account's signature image. The system is...

...read the MICR line and endorse the item. The image of the item is then
****displayed**** on the ****screen**** , accompanied by the appropriate
customer account signature image. SigFiler's price starts at $15,000...
?pause
>>> PAUSE started.
?

File 237:Buyer's Guide to Micro Software(SOFT) 1993/Sep
         (c) 1993 ONLINE Inc.
File 256:SoftBase:Reviews,Companies&Prods. 95-1996/Aug
         (c)1996 Info.Sources Inc
File 278:Microcomput.Software Guide 1996/Aug
         (c) 1996 Reed Reference Publishing
File 751:Datapro Software Directory 1996/Aug
         (c) 1996 McGraw-Hill, Inc.
?ds

Set   Items   Description
S1   54496   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2   4644   S1(2N)(MANAG? OR HANDL?)
S3   5648   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                   DIGITI?
S4   18494   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                   IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5   19941   STOR? OR MEMOR?
S6   9264   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7   33660   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                   DU?
S8   24623   PRINT? OR OUTPUT? OR OUT()PUT?

S15   6   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
?N
t15/7/all

 15/7/1   (Item 1 from file: 237)
DIALOG(R)File 237:Buyer's Guide to Micro Software(SOFT)
(c) 1993 ONLINE Inc. All rts. reserv.

00011975   00008724
  SOFTWARE NAME: METAVIEW
  VERSION: 1.0
  DATE RELEASED: 1989
  PRICE: $2200.
  PRODUCER: Metafile Information Systems, Inc.
  ADDRESS: 421 First Avenue, SW
           Rochester, MN 55902
  TEL: (507) 286-9232; (800) 638-2445

  PRODUCT DESCRIPTION: Metaview is a developer's tool for creating image
       based processing database systems that   handle   data records,
        text   , and image forms. It brings together optical scanner   ,
       laser   printer , optical   disk , FAX machine, personal computer
       and LAN technologies in a cooperative processing approach to document
        storage   and   retrieval . The source document is   scanned   ,
        stored   on optical   disk , indexed, and made available across a
       network for   viewing   and   printing . The Metaview package
       consists of several software modules. The Mainframe/Midrange Access
       Program (MAP) links the centrally managed resources with the PC
       workstations. The Developer's Workbench includes: a relational
       database manager, windowing software, menu and forms creation, text
       editor, automatic documenter, online help systems, host access,
        cooperative processing,   image   management , and interactive
       debugging. The Metaview Extended Operating System (MXOS) is the
       Metaview language interpreter for distributing applications developed
       with the Developer's Workbench.

01372005   DOCUMENT TYPE: Product

PRODUCT NAME: PICTURE CARDBOX 1.0 (372005)

Business Simulations Ltd (521442)
30 St James St
London, SW1A 1HB United Kingdom
TELEPHONE: ( ) 1719250636

RECORD TYPE: Directory

CONTACT: Paul Assanah, Sales

PICTURE CARDBOX 1.0 is an information management and   retrieval   system
that combines the   storage   of high quality images with text. Images can
be captured using most .scanners   or frame-grabbers and   displayed
alongside text or, at the touch of a key, enlarged to fill the whole
  screen . A unique image compression and   storage   method insures fast
  retrieval   and minimizes the   disk   space required, making databases
of many thousands of images feasible. It is available in single-user and
multi-user (network) versions that can be used for such applications as
picture libraries, part and product catalogs, press cuttings, insurance
inventories, signature verification and personnel and security databases.
Records can be sorted in any order and alternate formats can be created to
give different database   views . Printed   output   can be produced
in an unlimited number of layouts (mixing text and images) including
mailmerged continuous text   output . Other features include: (1) keyboard
macros; (2) calculations; and (3) field/command level access control.

REVISION DATE: 950523

01245097   DOCUMENT TYPE: Product

PRODUCT NAME: DVision (245097)

Deerfield Systems Inc (471305)
221 Elizabeth St
Utica, NY 13501 United States
TELEPHONE: (315) 797-1805

RECORD TYPE: Directory

CONTACT: Gordon Height, Mktg Dir

DVision, offered in standalone or network versions, quickly becomes a
valued partner for those responsible for document processing,   storage ,
  retrieval   and   management . Documents   are captured via an image
page   scanner   and   stored   on either a   WORM   or Re-Writable Optical
  Disk   Cartridge. To facilitate having a large number of documents
online, the product allows the use of a   WORM   or   WORM   Farms with
seven optical   disk   drives per PC or one or more optical jukeboxes.

C.O.L.D. is an advanced version designed to provide immediate online access to offline documents normally archived to microfilm, microfiche, magnetic tape or computer printouts for long term storage . As the data is transferred to the optical disc , the C.O.L.D. process automatically captures the data needed to create the filing indices and stores the text files in the correct retrieval category. A single copy of the original blank form is scanned and stored as a master template. When an inquiry is made, the text files for that document are superimposed on the image of the requested form. When displayed , faxed or printed , the result is an exact replica of the original document. A hardware/software enhancement, AutoFile files documents simultaneously with the scanning process, by utilizing standard bar codes to identify where documents should be filed.

REVISION DATE: 931228

15/7/4   (Item 1 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
(c) 1996 McGraw-Hill, Inc. All rts. reserv.

00303430   DATAPRO ACCESSION NUMBER: 00303430
 PRODUCT NAME: CompassPoint Visual Database 3.0
   VENDOR: Northpoint Software
   ADDRESS: 155 N. Eton, Birmingham, MI, 48009 USA
   TELEPHONE: 1 810 643 0200   FAX: 1 810 643 0404
 PRODUCT DESCRIPTION: CompassPoint holds up to 100,000 scanned images such as photos, slides, and illustrations as well as computer-produced image files, along with text in 15 searchable fields, a keyword field, and two description fields each holding up to 32K of information. Field labels can be customized to include information ranging from a variety of descriptors to the department where the image originated, the photographer, and the date it was created, the program uses a proprietary image processing technology that uses data compression to store and send "thumbnail" images for browsing. High-resolution digital image files can be stored in their original state to be retrieved and copied by any authorized user on the network. Formats supported include: Kodak Photo CD , TIFF, PCX, BMP, GIF, TGA, JPEG, DC, WMF, EPS and PICT, Amiga IFF, ATT (G4), Brooktrout, CALS, CLP, DIB, G3, G4, GEM IMG, Halo CUT, ICO, IOCA, Kofax, LaserData (LV), MAC Paint, Microsoft Paint MSP, Photoshop, Pixmap(XPM), RLE, Showpartner GX2, Sun Raster, TARGA, WPG (Raster only), Xbitmap (XBM) and XWD. Groups of images can be saved for later use and shared with network users. To find images they need, users create detailed searches and browse through the resulting thumbnail images on the screen . The thumbnails are decompressed and enhanced at the user's workstation for high-quality, low-resolution display . Users have the option of seeing a single thumbnail an stored text information, a multi- view that displays 12 images at a time, or a digitally enhanced view of the image that is almost screen -sized. Any thumbnail can be copied to the clipboard in a bitmap format and pasted into applications such as reports and spreadsheets. Also included are features such as an optional security system with 10 user access levels, a usage history for each image, and check-in/check-out system to keep track of physical images such as prints and slides. Version 3.0 encapsulates an image record and text to be electronically osent and read by a user with Compasspoint viewer .
RECORD CREATION DATE: 19950509
DATE LAST MODIFIED BY DATAPRO: 19960805

15/7/5   (Item 2 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
(c) 1996 McGraw-Hill, Inc. All rts. reserv.

00289290   DATAPRO ACCESSION NUMBER: 00289290
 PRODUCT NAME: EASY IMAGE 3.0
  VENDOR: Binary Research
   ADDRESS: 7100 E. Valley Green Road ,Box 57, Fort Washington, PA, 19034
 USA
    TELEPHONE: 1 215 233 3200; 1 800 832 7772   FAX: 1 215 233 1825
 PRODUCT DESCRIPTION: Easy-image, a full featured imaging system with
    C.O.L.D.'s, Hypertext, OCR /ICR and Barcode interfaces, allow users
    to   catalogue   document/images   faster   and   more   efficiently.
    Document/images can be   stored   and   retrieved   from optical
     disks , CD -ROM's or hard drives for viewing , printing   or
    faxing.
 RECORD CREATION DATE: 19930804
 DATE LAST MODIFIED BY DATAPRO: 19960710

15/7/6   (Item 3 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
(c) 1996 McGraw-Hill, Inc. All rts. reserv.

00250686   DATAPRO ACCESSION NUMBER: 00250686
 PRODUCT NAME: Docutrieve 1000 Series
   VENDOR: Imaging Automation, Inc.
   ADDRESS: 7 Henry Clay Drive, Merrimack, NH, 03054 USA
   TELEPHONE: 1 603 598 3400   FAX: 1 603 598 3422
 PRODUCT DESCRIPTION: Docutrieve 1000 Series is standalone software for
    optical   disk -based document   storage   and   retrieval . It
    supports an input   scanner , full-page document   display , laser
     printer , optical   storage   unit, and   document   index
     management   processor. The architecture supports an intuitive user
    interface, which allows easy integration into any environment. There are
    no computer commands to learn. All options are on- screen . On-
     screen   help is available. The series is intended for applications
    where simultaneous access by multiple users is not a requirement. The
    software in the family differs in total   storage   capacity,
     scanner   speed, and on-line   storage . Docutrieve DT-1010 can
     store   400k to 1200k and requires a 240MB optical   disk .
    Docutrieve DT-1110 can   store   700k to 7000k and requires a 670MB
    optical   disk . Docutrieve DT-1210 can   store   1200k to 14,200k and
    requires a 2Gb optical   disk .
 RECORD CREATION DATE: 19920125
 DATE LAST MODIFIED BY DATAPRO: 19950426
?pause
>>> PAUSE started.
?

```
Set       Items    Description
S1        54496    DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3         5648    SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
                   DIGITI?
S4        18494    DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
                   IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5        19941    STOR? OR MEMOR?
S6         9264    RETRIEV? OR REACCESS? OR RE()ACCESS?
S7        33660    VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
                   DU?
S8        24623    PRINT? OR OUTPUT? OR OUT()PUT?

S16          17    S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S17          11    S16 NOT S15
?
t17/7/all
```

17/7/1   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1996 Info.Sources Inc. All rts. reserv.

01477702   DOCUMENT TYPE: Product

PRODUCT NAME: MPAC - Document   Imaging 1.5 (477702

Solid State Software Inc (063118)
1401 N Jesse James Rd
Excelsior Springs, MO 64024 United States
TELEPHONE: (816) 630-8638

RECORD TYPE: Directory

CONTACT: Larry Knoch, Mktg Dir

MPAC - Document   Imaging 1.5 is part of the MPAC (im-pac) system which
is an integrated set of applications for manufacturing, distribution, EDI,
accounting, office automation, image processing, document imaging,
data collection and system administration. The document imaging system
provides for the storage , archival, retrieval and reproduction of
 documents in text or image form. Functions are provided for
 document scanning and storage , importation, retrieval and
listing. Documents can be indexed on up to six identifiers when
 stored and retrieved using any or all of them. Document
importation allows reading of text files from a word processor or other
report generating system. Volumes of documents can be archived onto
laser disks or other media for storage . Display operators
include page up/down, home, end, center, pan, zoom, print and negate.
Companion systems for manufacturing, order processing, accounting, EDI,
 image processing and office automation are available.

REVISION DATE: 960701

17/7/2   (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)1996 Info.Sources Inc. All rts. reserv.

01469777   DOCUMENT TYPE: Product

PRODUCT NAME: Navigator 2000/COM Replacement (COLD) (469777)

I Levy & Associates Inc (024155)
1633 Des Peres Rd #300
St Louis, MO 63131 United States
TELEPHONE: (314) 822-0810

RECORD TYPE: Directory

CONTACT: Barbara Reesor, Mktg Spec

Navigator 2000/COM Replacement (COLD) displaces all microfilm costs and
puts information online for instantaneous response to customer inquiries.
It is designed as a replacement for the Computer Output Microform (COM)
environment. Historically, computer systems have generated large volumes of
data in paper and/or COM format. This data is then transferred to microform
for later retrieval . The software provides a timely, cost-effective
method of storing and retrieving data using optical media,
eliminating the costs associated with microform preparation and
 retrieval from film media. The system inputs documents /reports
directly from magnetic disk or magnetic tape from the host. These
 documents /reports are automatically indexed utilizing user-defined
indexed and stored on optical media using electronic cabinets, folder
and tabs. When using the software in conjunction with Navigator 2000/DMS
all forms of documents , Image , Word Processing, Spreadsheets, and
Data Processing (COM) can be stored together, identified by
user-defined indexes and easily accessible online, by end users. Indexing
of documents is accomplished through the use of user-defined indexing
templates. Data contained in the document /report is defined to the
template and is used to automatically index the document /report within
the system. This data would then be used for retrieval purposes. For
example, Invoice Number, Customer Number and Invoice Data could be defined
and used for retrieval in any combination. The system can be expanded
to include scanned images and word processing documents so that
an organization can consolidate all associated information into one folder
for fast, easy access. Documents /reports can be retrieved and
 displayed on any Microsoft Windows 3.X supported displays .

REVISION DATE: 940420

 17/7/3   (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01397831   DOCUMENT TYPE: Product

PRODUCT NAME: Feith Document Database (FDD) 3.8 (397831

Feith Systems & Software Inc (339741)
425 Maryland Dr
Fort Washington, PA 19034 United States
TELEPHONE: (215) 646-8000

RECORD TYPE: Directory

CONTACT: Cary Tye, VP Document Imaging

Feith Document Database (FDD) 3.8 is a document image
 storage and retrieval system designed to operate in a UNIX

client/server network environment using TCP/IP, Windows and OSF Motif. Fully scalable and migratable, it can grow .from a single standalone system to a networked multi-user system with complete investment protection of all components. The system features Workflow II, COLD, network __printing__ , full page __text__ __retrieval__ , recognition (__OCR__ , ICR and bar code), quick integration of legacy systems, generalized object __storage__ , multi-line bi-directional FAX, multimedia annotations, FDD To-Go (portable imaging), mail integration and full OLE support. The system consists of three main components: (1) The __Image__ Server, running the UNIX operating system on all major hardware platforms (HP, AT&T/GIS, DG, IBM or Sun), including the Database, EasyJuke, COLD, Fax, Network __Print__ , Workflow II and TREE; (2) The __Viewstations__ , (386 SX/DX or 486 PCs running DOS and Windows or OS/2) which allow the system to alternatively utilize a __viewstation__ running OSF Motif, (COLD __text__ __images__ can be __viewed__ on 3270 and ANSI terminals); and (3) The __Scan__ - __Viewstations__ that are __view__ stations configured with a __document__ __scanner__ , a __scan__ driver interface and software. A wide range of __scanners__ are supported including Fujitsu, Bell & Howell, Ricoh, TDC and Kodak. SQL standard database software is utilized from Oracle, Informix or Sybase. The system supports __storage__ capabilities or rewritable or __WORM__ optical __disks__ and a wide range of Jukeboxes (HP, Panasonic, Sony, Hitachi and Cygnet) in conjunction with high-performance write-through __disk__ cache.

REVISION DATE: 950314

17/7/4   (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00085296   DOCUMENT TYPE: Review

PRODUCT NAMES: __ImageBASIC__   (493147); Microsoft Visual Basic (328081);
Microsoft Windows (900172

TITLE: Just Say No to Paper Flow
AUTHOR: Alexander, Steve
SOURCE: LAN Times,   v12 n24 p29(2) Nov 20, 1995 1040-5917

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

LeaseLine Financial, a specialty vehicle rental firm, used Diamond Head's __ImageBASIC__ component toolkit to __scan__ , __display__ , and __print__ __images__ for a new electronic imaging system. The system ensures that important __documents__ will not be destroyed in a fire. It also allows loans to be turned around in 48 hours, giving LeaseLine a competitive advantage. Volume of paper records retained is reduced by 80 percent. Paper records formerly filling seven filing cabinets are now __stored__ on three __CD__ -ROM __discs__ , with the most important legal __documents__ remaining in paper format. The user interface, written with Visual Basic, has Windows' on- __screen__ buttons and check boxes for fast and easy file __retrieval__ without data entry. LeaseLine will upgrade the network to improve imaging response time with the installation of a jukebox that holds 150 __CD__ -ROMs and four quad-speed __CD__ -ROM drives.

REVISION DATE: 960330

17/7/5   (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00055773   DOCUMENT TYPE: Review

PRODUCT NAMES: MarcoPolo 2.0.3 (381535)

TITLE: MarcoPolo Update Continues Search for Paperless Office
AUTHOR: Sullivan, Jeffrey
SOURCE: MacWEEK,   v7 n35 p56(2)   Sep 6, 1993 0892-8118

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

Support for QuickTime movies, sound, DOS files, and   scanned
  documents   have been added to Marco Polo 2.0.3, a   document
  retrieval   system. Documents   from a variety of applications can be
grouped and   stored   in the   Document   Center, which appears in folders
through Finder. They can be filtered and searched,   viewed , copied, or
  printed   and can be placed on several volumes. A Find command helps
locate   documents   in multiple Centers. It slows down on networks.. Files
can be archived in native formats or converted or saved both ways. The
Query window allows searches on words, Owners, Dates,   Document   Centers,
and Keywords. The folder approach is confusing, and files may become
corrupted when moved. Extra spaces and misplaced   text   appear when
  printing .

REVISION DATE: 940725

17/7/6   (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00034854   DOCUMENT TYPE: Review

PRODUCT NAMES: InfoImage   (320520); Mortgage Processing Software (373044)
; Imagistics (373052); Enhanced   Image   Statement   (373061

TITLE: Solutions In All Shapes And Sizes For The Banking Industry
AUTHOR: Staff
SOURCE: Imaging Magazine,   v1 n2 p27(2)   Apr 1992 1063-4320

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

The banking industry is increasing its use of imaging systems to improve
its paper handling requirements. The InfoImage Processing System (IIPS)
from Unisys is a check processing system that plugs into existing Unisys V
Series mainframes. Features include a high speed optical   scanner   which
can   scan   about 1800 checks a minute, both sides, a magnetic   disk
-based   storage   system, a high-speed encoder, and an   image
  display   workstation. The   ImagePlus   High Performance Transaction
System (HPTS) from IBM is a check processing system that will be available
in mid-1992 and will include a high-speed   scanning   system and a
high-speed endorser that will   print   information on the checks for

clearing. A new product from Antinori Software can retrieve
 digitized check images from roll film. Other products briefly
reviewed include mortgage processing software from ALE systems, a turnkey
system for banks from Data Trade, and image statement software from
Check Solutions.

REVISION DATE: 941017

 17/7/7   (Item 7 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00029314   DOCUMENT TYPE: Review

PRODUCT NAMES: CAD Overlay ESP (254771); Scorpion SRV386 (408085);
 ViewBase   (300489

TITLE: Converting to CAD: The Perfect Fix!
AUTHOR: Martini, Richard W.
SOURCE: MicroCAD News,   v6 n9 p59(3) Sep 1991 0895-4151

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

An aerospace company has converted to a CAD system, realizing several
benefits such as having documents that are easily retrieved and are
safe from damage or loss, storing rooms full of drawings on a disk ,
and easily pulling and altering into a CAD application drawings that need
to be converted to vector form. Raster-editing package CAD Overlay ESP
allows a CAD operator to retrieve old drawings scanned into a
computer, update them, and print them. SRV386 Raster-to-Vector
Conversion System works on more complicated drawings, eliminating most of
the lengthy editing needed to process a drawing, because it automatically
converts manual designs into CAD formats and creates files that allows
users to make speedy revisions. ViewBase is a drawing management
program that archives thousands of drawings in a variety of storage
sites. The company is still looking for a photorealistic rendering package.

REVISION DATE: 941213

 17/7/8   (Item 1 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
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00289287   DATAPRO ACCESSION NUMBER: 00289287
 PRODUCT NAME: DocuWare 3.0
   VENDOR: Alos Micrographics Corp.
   ADDRESS: 118 Bracken Road, Montgomery, NY, 12549 USA
   TELEPHONE: 1 914 457 4400; 1 800 431 7105   FAX: 1 914 457 9083
 PRODUCT DESCRIPTION: Electronic filing software package that organizes,
     stores , retrieves , prints , displays or faxes
    documents in a user-friendly environment. Multiple levels of
   password protection, E-Mail, OCR , Point & Shoot and Drop and Drag
   are just some of the features.
 RECORD CREATION DATE: 19930804
 DATE LAST MODIFIED BY DATAPRO: 19951031

17/7/9   (Item 2 from file: 751)

00287740   DATAPRO ACCESSION NUMBER: 00287740
 PRODUCT NAME: DVISION COLD
   VENDOR: Deerfield Systems, Inc.
   ADDRESS: 221 Elizabeth Street, Utica, NY, 13501 USA
   TELEPHONE: 1 315 797 1805   FAX: 1 315 733 7494
 PRODUCT   DESCRIPTION: DVISION COLD, an advanced version, provides
    immediate on-line access to off-line documents normally archived to
    microfilm, microfiche (COM), magnetic tape, or computer printouts
     for long term storage . As the data is transferred to the optical
     disc , DVISION COLD's process automatically captures the data needed
    to create the filing indices and stores the text files in the
   correct retrieval category. A single copy of the original blank form
   (i.e., invoice, purchase order, etc.) is scanned and stored as a
   master template. When an inquiry is made, the text files for that
     document are superimposed on the image of the requested form.
   When displayed , faxed, or printed , the result is an exact
   replica of the original document .
 RECORD CREATION DATE: 19930607
 DATE LAST MODIFIED BY DATAPRO: 19951031

 17/7/10   (Item 3 from file: 751)

00251034   DATAPRO ACCESSION NUMBER: 00251034
 PRODUCT NAME: Document Archival Retrieval System (DARS)
   VENDOR: InfoLink Technologies, Inc.
   ADDRESS: 63 North 400 West, Provo, UT, 84601 USA
   TELEPHONE: 1 801 375 7507; 1 800 523 7226   FAX: 1 801 375 7537
 PRODUCT DESCRIPTION: DARS is a user-friendly, document archival and
    retrieval system. It has configuration appropriate for volume
   requirements ranging from a few thousand pages to many million pages. In
   a typical DARS network installation, paper documents are scanned
    and copied to a Write Once Read Multiple (WORM) optical disk
    for permanent storage and retrieval . It then creates a text
    file from all the words in each document image using an
    optical character recognition (OCR) device. The text
   files are then indexed to create a retrieval database. Users access
   the database with full- text , queries, then view the images on
   high-resolution, full-page monitors. Users can zoom and pan across
    images . Images can be printed on network or locally
   connected laser printers . This product can be configured with a
   single 5.25" optical disk drive or in a full network system with a
   "jukebox" holding 50 12" optical disks with up to 300 gigabytes of
   on-line and near-line storage . A single 12" jukebox can hold over
   six million page images . This vendor also has offices in Bodega Bay,
   Ca and Lanham, MD.
 RECORD CREATION DATE: 19920125
 DATE LAST MODIFIED BY DATAPRO: 19960710

 17/7/11   (Item 4 from file: 751)

00241866   DATAPRO ACCESSION NUMBER: 00241866
 PRODUCT NAME: COOL-Computer   Output   On-Line
   VENDOR: Computron Software, Inc.
   ADDRESS: 301 Route 17 North, Rutherford, NJ, 07070   USA
   TELEPHONE: 1 201 935 3400; 1 800 828 7660   FAX: 1 201 935 7678
 PRODUCT DESCRIPTION: Computron's COOL (Computer   Output   On-Line)
     enables   enterprises to bring computer reports back   to life by
      storing   them electronically on optical magnetic   disks . COOL is a
     replacement for Computer   Output   Microfilm (COM) and printed
     reports. It is a particularly viable alternative for users who must
     create, maintain,   store   and subsequently refer to high volumes of
     statements, invoices, checks, account status   documents , or any
     computer reports. COOL allows data to be automatically indexed according
     to the user's criteria to provide retrieval capabilities. Since
     reports are   stored   in character data format, pages move around in a
     communications network with the same speed as online data. COOL can
     receive input from tape or via direct interface with the host system.
     COOL accepts line data and leading All Points Addressable print   file
     formats including IBM Advanced Function Printing (AFP) and Xerox
     Metacode. It can also provide form overlays for   display   or
      printing   to re-create documents originally output to pre-
      printed   forms. COOL has also been integrated with Fujitsu TeamWARE
     Imaging, providing unified bidirectional access to reports stored   in
     COOL, and scanned   documents   stored in TeamWare Imaging.
 RECORD CREATION DATE: 19920111
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